

REPORT
OF THE
OFFICER OF HEALTH
FOR MANCHESTER.



MARCH, 1884.

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1884.

THE total number of deaths within the homes of the people in the city of Manchester, including Beswick, during the year 1883 was 7,602, which in a population of 341,414 (the determination of the last census) is equal to a death rate of 22·26 per 1,000; but 367 deaths took place in public hospitals within the city, and 121 in Monsall Hospital (from infectious diseases) of persons removed to that hospital from the city, whilst 35 inquests were held on the bodies of persons who could not be discovered from the Registrar's entries to have had any residence in the city. These, added to the preceding number, will raise the death rate to 23·79 per 1,000. Including 797 deaths in Crumpsall Workhouse the death rate will be 26·13 per 1,000.

The tables in the Appendix and the statistics in the body of this report will be calculated on the numbers of the population, the results of the last census as reported to this department from the office of the Registrar-General.

In the several registration sub-districts of the city, excluding the deaths occurring in hospitals, the rates of mortality in the years 1881 and 1883 were:—

	Population		1881		1883
Ancoats	47,979	.....	24·5	.....	27·63
Central	41,688	.....	23·7	.....	23·07
St. George's	59,128	.....	21·4	.....	24·08
Hulme	72,147	.....	20·7	.....	22·91
Chorlton-upon-Medlock	55,598	.....	19·3	.....	19·13
Ardwick	31,197	.....	18·8	.....	19·16
Cheetham	25,721	.....	15·5	.....	17·02
Beswick	7,957	.....	23·8	.....	21·61

NUMBER OF DEATHS AND RATE PER 1,000 IN THE QUARTERS
OF THE YEAR 1883

	Deaths		Rate per 1,000
March Quarter	2,437	.....	28·64
June ,,	2,200	.....	25·88
September ,,	2,008	.....	23·52
December ,,	2,277	.....	26·64

DEATHS IN THE WINTER QUARTER OF 1879, 1880, 1881, 1882, 1883, AND
THE RATE OF MORTALITY

	1879	1880	1881	1882	1883
Deaths	2,863	2,354	2,593	2,063	2,437
Death rate per 1,000 of Population	31·99	27·56	30·36	24·16	28·64

TABLE EXHIBITING THE MORTALITY FROM DISEASES OF THE LUNGS AND FROM
WHOOPIING COUGH FROM 1879 TO 1883 INCLUSIVE

1879		1882	
Diseases of the lungs...	3011	Diseases of the lungs...	2716
Whooping cough	394	Whooping cough	293
Total	<u>3405</u>	Total	<u>3009</u>
1880		1883	
Diseases of the lungs...	2677	Diseases of the lungs...	3039
Whooping cough	300	Whooping cough	247
Total	<u>2977</u>	Total	<u>3286</u>
1881			
Diseases of the lungs...	2965		
Whooping cough	249		
Total	<u>3214</u>		

As most of the fatal cases of whooping cough are complicated with bronchitic or pneumonic inflammation it might have been expected that a moderately close relation would have existed between the number of deaths from diseases of the lungs and those from whooping cough as indicative of the relative severity of the seasons. This, however, does not appear to be the case. The total number of deaths from diseases of the lungs in the years 1881 and 1883 was 6,004, and from whooping cough during the same two years 496, whilst in the years 1880 and 1882 the deaths from diseases of the lungs were 5,393 only, and those from whooping cough in the same period 593.

That the climatic conditions and different temperatures of the seasons, however, very largely influence the fatality of whooping cough may be seen from the following table:—

TABLE EXHIBITING THE DEATHS FROM DISEASES OF THE LUNGS, AND FROM WHOOPING COUGH, IN EACH QUARTER OF THE YEARS 1877–83

Year	<i>March Quarter</i>		<i>June Quarter</i>		<i>Sept. Quarter</i>		<i>Dec. Quarter</i>	
	Diseases of Lungs	Whooping Cough	Diseases of Lungs	Whooping Cough	Diseases of Lungs	Whooping Cough	Diseases of Lungs	Whooping Cough
1877...	741	... 113	... 730	... 124	... 427	... 58	... 660	... 37
1878...	860	... 60	... 731	... 49	... 511	... 55	... 962	... 50
1879...	1261	... 177	... 634	... 110	... 398	... 64	... 718	... 43
1880...	814	... 114	... 751	... 122	... 508	... 32	... 604	... 32
1881...	1097	... 54	... 675	... 87	... 444	... 44	... 749	... 68
1882...	667	... 82	... 701	... 109	... 613	... 58	... 735	... 44
1883...	900	... 89	... 825	... 83	... 521	... 38	... 793	... 37

Adding together the deaths from whooping cough in the winter and spring quarters of the total number of years we get 1,373, whilst those of the summer and autumn quarters amount to 660, the difference being 713. “The fatal influence of the cold during the winter and spring months on the progress and termination of whooping cough,” as was observed in my last report, “is obvious, and the necessity for the provision of warm clothing and a genial atmosphere during the early course of the disease is strikingly shown.”

Here are 1,373 deaths in seven years from a disease which in its early stages requires little more than warmth and an equal temperature. I feel strongly desirous that some provision should be made for the reception of these cases. Most of the patients would require, under the circumstances indicated, very little medical care, and it is probable that very few of the cases would terminate fatally. Though the disease seems to be at first purely of a nervous character (for even in the most violent coughing there is little chest sound heard), yet it is accompanied by great susceptibility to bronchitic or pneumonic inflammation, and it is this latter which is usually fatal. I am not in possession of any statistics to show what the rate of mortality would be under proper hospital treatment as in-patients, but the following extract from the last report of the Medical Officers of the Hospital for Sick Children is interesting:—

“Whooping cough, as usual, heads the list of zymotic diseases as regards numbers and fatality, 427 cases having been treated (at the Dispensary), with 23 deaths, making a mortality of 5·3 per cent. It is remarkable how con-

stantly present this troublesome affection is in this city, at some periods of the year prevailing as an epidemic, at other times being less prevalent, but never seeming to be wholly absent. In 1882 it was exceedingly prevalent and fatal during the first four or five months of the year; then followed a period of lesser activity, lasting six or eight months, only to be succeeded by an outbreak extending over the greater part of 1883. Fortunately, it has been less fatal than in 1882, but still the mischief it produces by no means ends with the disease itself. Of the 23 fatal cases 21 occurred in children under two years of age; indeed, whooping cough is one of the most fatal diseases at this period of life, being so frequently associated with bronchitis or inflammation of the lungs. The fact that the majority of deaths occur at this early age, and also the difficulty of recognising the affection in its early stage, as also the length of time it lasts, renders the question of hospital accommodation a difficult one. But it must be remembered that in most cases it is the older children in a family who first contract the disease, and who, being nursed at home, communicate it to the younger ones."

"The long duration of the complaint and its excessively infectious nature constitute the difficulties in its sanitary treatment. No child suffering from whooping cough can be placed in a ward of a hospital amongst other children not similarly affected, whilst the accommodation required for the treatment of the disease would be considerable and therefore expensive."—(Report for 1880–81.)

Measles, like whooping cough, is chiefly fatal when associated with bronchitic or pneumonic inflammation. The deaths from measles within the city during the year 1882 were 333, and during last year (1883) 247. 202 cases were attended from the Hospital for Sick Children, with a loss from deaths of 19, making a per cent. mortality of 9·4 during the year 1883. Measles, it is observed in the report, "is not as a rule a dangerous disease to healthy well-grown children, and is only exceptionally fatal. It is otherwise, however, in children of tender years, more especially those suffering from malnutrition."

The deaths from scarlet fever were 107 in 1882 and 242 in 1883. Of this disease, 1,719 cases were reported to the Officer of Health by medical practitioners, under the new Act, from January 1st to December 31st, 1883, and as 242 deaths took place during the year, this is equal to one death in 7·1 cases. The experience of the cases treated in the Hospital for Sick Children is somewhat more favourable, 215 cases having been treated, with 35 deaths. The fatal cases amount to one in six of the children received. It is to be supposed that the cases taken to the hospital, many of which are sent by the medical officers, are of a more severe type than the average cases, which will give to the report a still more favourable aspect. Indeed the Reporters remark

that from the severity of the epidemic the mortality has been much greater than usual. "The cases admitted have in many instances been complicated with severe inflammation of the throat, as also inflammation of the kidneys. It is a well known fact that some epidemics of scarlet fever are much more fatal than others, and the forms of fever with which we have had to contend this year (1883) have been more than usually complicated and severe. Nearly all the cases admitted with this fever have been retained in the hospital during the whole of their convalescence, being only allowed to go home after the end of the sixth week from the commencement of the attack. To some this may appear an unnecessary detention in quarantine; we on the contrary believe that six weeks is a minimum time during which such cases should be kept, not necessarily in-doors, but apart from their fellows, and we base our experience on many cases which we have had the opportunity of following up after their discharge. Indeed after this lengthy detention it appears to happen occasionally that they communicate the disease to other children in the same house, though it is not always certain that the convalescent child is the source of the new infection. It must be borne in mind that a child convalescent from scarlet fever and who, while still infectious, is allowed to mix with its fellows at school or in the public streets is a far more dangerous member of society than the child who while passing through the acute stage of the disease is confined to its bed at home."

The Reporters courteously and kindly acknowledge the assistance they have received from the Health department, and go on to observe that "in spite of the vigilance of the Health authorities we have reason to believe that mild cases occur which are not recognised by the more careless parents as scarlet fever, but which pass as simple sore throats or mild cases of measles, and only come under our notice when they become dropsical from inflammation of the kidneys." They kindly express their belief that but for the prompt action taken by the Health authorities the epidemic of 1883 would have been much more fatal and widespread.

In the seven years (1877–83 inclusive) the deaths from the three infectious diseases of children here noticed have been—

Whooping cough	2,029
Measles	1,310
Scarlet fever	1,781
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Total	5,120
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The deaths from diarrhoea during the years 1882 and 1883 have been in excess of those of 1881. This disease, though so largely fatal, is unfortunately

one of those over which sanitary authorities have little control. Developing itself, speaking broadly, only during two months of the year, August and September, and being rapidly fatal, occurring moreover chiefly amongst very young children, it is difficult to make it the subject of internal hospital treatment. During hot seasons it extends its ravages considerably into October.

DEATHS FROM DIARRHŒA DURING THE MONTHS OF JUNE, JULY, AUGUST, SEPTEMBER, AND OCTOBER, IN THE YEARS 1882 AND 1883.

1882		1883
7	June.....	16
36	July	52
104	August.....	68
112	September	108
37	October	49

It is always most rife during the hottest seasons, hence the years present a great disparity in the mortality from this very fatal malady, as the following table will show :—

DEATHS FROM DIARRHŒA DURING THE YEARS 1877–83

1877	304 deaths
1878	500 „
1879	201 „
1880	607 „
1881	258 „
1882	384 „
1883	365 „

Total 2,619 deaths in 7 years.

It is a fact that very few children die from diarrhœa amongst the well-to-do and cultivated classes of society. The deaths are nearly all amongst the children of the poor, and this not so much from the character of the locality in which they are found or from the condition of the houses, as from the improper and readily putrescible or fermentative food daily administered to them. At a time when good milk is absolutely necessary, and often at ages when the mother's milk is alone suitable for them, the children are fed with whatever may be on the daily table : fish barely sweet, bread in an unwholesome state, and milk it may be from bottles not washed or scalded once a week. Till the parents get better instructed as to the proper treatment of their offspring it is almost hopeless to look for a large reduction in the infant mortality.

The deaths from typhus and typhoid fever have not been very high—116 in 1882 and 76 in 1883. The attack of 1882 was of considerable severity.

DEATHS FROM FEVER (TYPHUS AND TYPHOID).

1868	635 deaths	1876	225 deaths
1869	403 „	1877	164 „
1870	392 „	1878	115 „
1871	282 „	1879	68 „
1872	242 „	1880	89 „
1873	232 „	1881	75 „
1874	188 „	1882	116 „
1875	177 „	1883	76 „

The year 1881 presented the lowest mortality that has been known in Manchester during the last sixteen years, viz., 8,473. It was somewhat of a disappointment to find that in 1882 it had risen to 8,738, and in 1883 to 8,922. An analysis of the causes of death however will show that there has not been any real rise amongst the adult population or even amongst any but the very youngest children, and this from causes over which at present we have not any control.

The difference in the total number of deaths from all causes between 1881 and 1882 was 265, being that number against the latter year, but it appears that in 1882 there was an excess of deaths over 1881 from

Whooping cough, of.....	54
Diarrhœa, of.....	126
Measles, of	218
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Total.....	398
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so that there was actually a less mortality by 133 in 1882 over 1881 at all ages, except the youngest childhood.

The excess of deaths (8,922) in 1883 over those of 1881 was 449, but there was also an excess of deaths over those of 1881 from

Diarrhœa, of.....	107
Measles, of	132
Scarlet fever, of	126
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Total.....	365
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which reduces the excess of mortality from other causes to 84, and of these 74 were due to an excess from lung diseases owing to the inclemency of part of the year 1883.

The programme of the Health Committee at the commencement of its operations has been fairly carried out, but the above figures show that a step forward must now be taken. There has been a large reduction of mortality consequent on what has been done, but it is a fair inference from the above figures that the full effect has been achieved, and that a further reduction in the mortality is to be sought in a new programme, and by renewed sanitary effort in new directions.

There are three subjects with which I wish especially to occupy the Committee's attention during the current year:

1. The condition of labourers' dwellings.
2. The extension of hospital accommodation for children suffering from infectious disease.
3. The mitigation of the smoke nuisance.

When it is realised that Manchester is actually a city of cottages, that it consists almost entirely of artisans and labourers' dwellings, with the tenements of a class below them, and with no upper or middle class, with very few exceptions, to leaven the mass, the magnitude of the first question becomes apparent;—340,000 persons of the third and fourth classes huddled together as best they may, and yet with the outer zone of the city much improved by wider streets, separate yards, good space between the backs, and on the whole good drainage. In comparing the mortality of Manchester with that of other large towns it should be with that of a similar class, for in this it is always high wherever they may be located. The mortality of the artisan class and of the residuum is equally high. We have no population to reduce the high death-rate of Manchester. Let us take in Moss Side, Old Trafford, Rusholme, Fallowfield, &c., and the rate of Manchester would soon be reduced. We have filled all these places, together with Knutsford, Alderley, Bowdon, Sale, Stretford, Withington, and even Higher and Lower Broughton, with our population of the first and second class, and we have retained 340,000 of the classes below them.

The dwellings of the poor however I have treated more at length in subsequent pages of this report.

In July, 1883, I read a report to the Health and Nuisance Committees on Coal Smoke, in which I pointed out that this was the chief of the solid impurities of the Manchester atmosphere, tending by its gravity to occupy the lowest stratum, and acting as an irritant to the respiratory organs of those who breathed it. The black particles of which it is mainly composed are of necessity constantly inhaled, constantly breathed, and received into the lungs, whether the lungs be healthy or not. That a considerable portion of this soot is arrested in the upper air passages there can be no doubt, but that a quantity also finds its way into the lungs, that is into the smaller ramifications of the bronchial tubes, and possibly into the air cells, is evidenced by the black expectoration usual with the residents of smoky towns, and by the carbonaceous accumulations, not only in the bronchial glands, but occasionally found also in the substance of the lungs when previous lesion has existed, though indeed sooty accumulations may often cause such lesion. These accumulations, Dr. Pearson observes, are derived from the soot inhaled with the air which may find access to the texture of the lungs from such lesions of the bronchial membrane, as often result from a common cold or cough. The accumulations have sometimes taken place so rapidly and extensively as to cause chronic inflammation and consolidation of a perfectly black colour which tends to ulceration and the formation of cavities, as in other cases of chronic consolidation. There can be no doubt that the constant inhalation of particles composed mainly of carbon, bitumen, and sulphate of ammonia must be highly irritating to the lungs, and productive in many instances of a sufficient amount of inflammation to induce incipient phthisis, or bronchitis, or to determine the occurrence of these when a predisposition exists. The normal condition of old people, or of those approaching old age, in the working classes of Manchester is bronchitic in a greater or less degree, and men, women, and children of delicate organisation, or of scrofulous diathesis, or in whom the general conditions of health have been reduced by other causes, are very much disposed to take on phthisical or bronchial disease under the irritating effects of a Manchester atmosphere.

Without going so far as to say that the great disparity in the number of deaths from diseases of the respiratory organs in different portions of England and Wales, as exhibited in the following table, compiled from the last published report of the Registrar General of Births, Deaths, and Marriages in England and Wales, is to be ascribed to the inhalation

of smoky particles in those counties wherein the number of deaths is highest, yet it is a striking coincidence that the numbers should be highest in those counties in which many factories and coal works most prevail.

DEATHS FROM DISEASES OF THE RESPIRATORY ORGANS PER
1,000,000 PERSONS

Cheshire and Lancashire	4,381
London.....	4,365
Yorkshire.....	3,890
Monmouth and Wales.....	3,551
Gloucestershire, Herts, Salop, Worcestershire, Stafford, Warwick.....	3,474
Leicester, Lincoln, Notts, Derby, Rutlandshire	3,309
Durham, Northumberland, Cumberland, West- morland	3,194
Wilts, Dorset, Devon, Cornwall, Somerset ...	3,133
Essex, Suffolk, Norfolk	2,979
Middlesex (part of), Herts, Bucks, Oxon, Northampton, Hants, Bedford, Cambridge	2,860
Surrey (part of), Kent (part of), Sussex, Hants, Berks.....	2,835

With gas engines up to 100 horse-power, and Siemens' and other gas furnaces from which any amount of power may be obtained, there is little reason for a continuance of the smoke nuisance in Manchester.

ARTIZANS AND LABOURERS' DWELLINGS.

In December, 1883, I read a report to the Health Committee on Artizans and Labourers' Dwellings. The report was accompanied by a map in which the city was represented by two zones round a central portion. The centre (coloured red) includes an area of 616 acres, and is described in the early part of the report. This is surrounded by a zone (coloured yellow) containing the older houses of the city, occupied at this time almost entirely by working people. The other zone (coloured blue) contains houses more recently erected, and in accordance with the latest building bye-laws of the Corporation.

In 1878 the Health Committee presented a report to the Council, dated 24th June, on the application to this city of the provisions of the "Artizans and Labourers' Dwellings Improvement Act 1875." The report embodies the terms of a memorial addressed to the Mayor, Aldermen, and Councillors of the city, from the Manchester and Salford Sanitary Association, dated 5th April, 1876, and two reports from the Officer of Health on the improvement of the dwellings of the poor in Manchester. The memorial of the Sanitary Association sets forth "the variation of the death-rate in the several districts of Manchester, and especially the excessive mortality of some of them," and further recites amongst the causes of the excessive mortality the defective construction and arrangement of cottage dwellings in large areas of the city. The memorialists then proceed to designate certain districts of the city as coming within the meaning of the terms in the last sentence, so far as the construction and condition of the houses is concerned. The memorial was presented to the Council on the 11th day of April, 1877, and was accompanied by a detailed report of a Sub-Committee of the Association, specifying in what respects the houses were considered to be in such bad sanitary condition as to call for the interference of the Corporation. The memorial was referred by the Council to the Health Committee.

On the 16th of April, 1877, the memorial and the report were referred by the Health Committee to a Sub-Committee for consideration and report.

The Sub-Committee reported on 11th May, 1877, that they had visited and carefully inspected the streets, courts, and dwelling-houses referred to in the memorial, and expressed the opinion that the houses, individually or in blocks, were not in such a condition as to require the application to their sites of the powers and provisions of the "Artizans

and Labourers' Dwellings Act." The Sub-Committee appeared to have been much impressed with the improved appearance of the district over that which it had presented a few years previously. A comparison of the death-rate within the district, ascertained for the ten years 1861-70, for the five years 1871-5, and for the year 1876, which exhibited a considerable successive reduction, testified also to the improvement which had taken place. The district referred to is bounded by Oldham Road, Addington Street, Angel Street, St. Michael's Churchyard, the Gas Works, and the Oldham Road Goods Station. Much of it is popularly known as Angel Meadow.

On the 15th of June, 1877, the Committee, by the advice of the Officer of Health, and accompanied by him, visited a district in Ancoats bounded by Great Ancoats Street, George Leigh Street, Poland Street, part of Jersey Street, and Union Street. In this district the average death-rate for the ten years 1861-70 was 37·2, and for the five years 1871-5 it had been 30·9. The Committee also visited the district lying between Union Street, Great Ancoats Street, Canal Street, New Islington, Pott Street, and Wharf Street. In this district the average death-rate for the ten years 1861-70 had been 34·8, and for the five years 1871-5, 28·7.

The general district includes Blossom Street, Jersey Street, Loom Street, Cotton Street, Bengal Street, German Street, Murray Street, Pickford Street, part of Gun Street, part of Henry Street, part of Spittal Street, Elizabeth Street, and courts. In this block many of the streets are narrow; the houses are all old, the rooms small, and many of them much dilapidated. The area occupied by dwellings between Union Street and Canal Street presents an unfavourable appearance in the narrowness of its streets, its confined courts, and unwholesome-looking tenements. The Committee were of opinion that the general conditions over this area were much less conducive to health than they found in that portion of St. George's district which they had previously visited.

On the 29th of June, 1877, the Committee, accompanied by the Officer of Health, went to Birmingham to inspect the site that had been selected by the Council of the Borough for alteration and reconstruction of dwellings under the powers conferred by the "Artizans and Labourers' Dwellings Act." The plot lay near the centre of Birmingham; its average length was a little over half a mile, and its breadth three-eighths of a mile. It was bounded by Baggot Street, Princess Street, Loveday Street, Whittal Street, Bath Street, Slaney Street, and on the south-east reached High Street, Dale End, and Coleshill Street. On the east it was bounded by Aston Road and Woodcock Street. It contained many very important buildings, was one of the

oldest parts of Birmingham, and in the character of its buildings resembled very much the tract which lies between Market Street, High Street, Miller's Lane, and Long Millgate, in Manchester, when occupied years ago by narrow streets, confined courts, and dingy houses. Since the visit of the Committee the alterations contemplated by the Council of the borough have been carried out.

It appeared to the Committee that the alterations about to be made on the selected plot were required as much for commercial considerations and for public convenience as for sanitary amendment, and that similar alterations in like circumstances had been effected in Manchester long ago under the powers conferred by the local improvement acts.

Accompanied by the Officer of Health, the Committee visited Liverpool on the 6th of July, 1877, to examine the site selected in that town for improvement under the powers of the "Artizans and Labourers' Dwellings Act."

The plot was situated in Nash Grove, between Scotland Road and Cazneau Street, and contained about 22,487 superficial yards. It was almost entirely occupied by dwelling-houses of a low character, and in very bad sanitary condition. It was full of narrow closed courts, and had a population of 337 to the acre. The houses were very much dilapidated and out of condition, and it seemed to the Committee that the tract was much worse than any one of similar extent known to them in Manchester.

The population was about 1,310, and the Committee were informed that the estimated cost of the land and buildings was £92,600, and the estimated value of the land left for building purposes, after the construction of roads, £30,346, leaving a loss on the purchase of £62,254. The Committee visited two sets of four-storied dwellings in a different part of the town—one set erected by the Corporation, the other by a private company. The Committee thought the latter cheerful, commodious, and pleasant looking.

On the 13th of July, 1877, the Committee passed the following resolution:—"That the consideration of the question of the application of the 'Artizans and Labourers' Dwellings Act' be postponed, and that in the meantime the Officer of Health be requested to furnish a copious report as to the conditions of the various blocks of property in the Ancoats and other districts, the density of population, the respective rates of mortality, and any other information that may be useful to the Committee in forming its decision. Also to state fully the powers of the Council under the various Acts of Parliament."

FIRST REPORT OF THE OFFICER OF HEALTH.

If a line be drawn from the bottom of New Bridge Street, Strange-ways, along the river Irwell to its junction with the river Medlock, near the end of Water Street, then along the latter river to Ardwick Bridge in London Road, then to Store Street, up the latter street to Great Ancoats Street, and along the latter, Swan Street, Miller Street, and Ducie Street to New Bridge Street, and down the latter to the Irwell, it will comprehend what may be especially regarded as the commercial or business part of the city. It includes the business streets so far as they are made such by warehouses, offices, and important shops. It is true that there are still some houses occupied as dwellings, and some of a very inferior character; but they are rapidly disappearing before the exigencies of commerce. The largest number are to be found between Deansgate and the river Irwell, from Bridge Street to Liverpool Road, and between Shudehill and Corporation Street.

Its greatest length, from the top of Oldham Street to the end of Water Street, near Dawson Street, is a mile and a half, and its greatest breadth, from the Gas Works at Gaythorn to the late Manchester Workhouse, a mile and a quarter. The Town Hall, though not quite, is very nearly, in the centre. From Shudehill to Miller Street warehouses and workshops are so rapidly extending that very shortly the dwelling-houses will be displaced, whilst the widening of Deansgate and the erection of the buildings and new station for the Cheshire Lines Railway will soon so enhance the value of the land near Deansgate that cottages will give place to commercial property. It is certain that over this large tract no cottage dwellings once pulled down will be replaced by others. Total, 616 acres. Houses per acre, 9.

Outside an irregular line which crosses Red Bank, Water Street, Newtown; Tebbutt Street, Rochdale Road; Lees Street, Oldham Road; Butler Street, Beswick Street, and Pollard Street, Ancoats; Fairfield Street, Tipping Street, and Downing Street, London Road; Higher Temple Street, in Ardwick; Brook Street, Oxford Street, Ormond Street, in Chorlton-upon-Medlock; and the land forming the river boundary of nearly the whole of Hulme, the dwelling-houses in the city have all been erected since 1831. As a rule, the streets are fairly wide. It is within these lines, outside the commercial pale and within the newly-erected property, that the worst dwellings in the city are to be found—narrow streets, confined courts, and

dilapidated houses. The average breadth in the districts of St. George's, Ancoats, Ardwick, and Chorlton-upon-Medlock is about one-third of a mile. In Hulme it is a small and narrow tract near to the Medlock. Within the irregular ring here described there are two areas which especially deserve the attention of the Committee in view of the adoption of any measures for the destruction and re-construction, or for the amelioration of the condition, of the dwelling-houses thereon. The largest is bounded by Oldham Road, Poland Street, Union Street, and Great Ancoats Street. In length it is five-sixteenths of a mile, and in breadth nearly a quarter of a mile. The average mortality of the sanitary districts included within it is 29·655. The average density of population is 388·3 persons to the acre. The lowest, owing to a portion of the area being occupied by factories, is 116; but there occur also these densities:—560, 483, 465, and 430. The average death-rate per 1,000 inhabitants for the whole district during the ten years 1861 to 1870 was 38·3. The average death-rate for the next succeeding five years, 1871 to 1875, was 30·0, very nearly.

As there is a considerable amount of commercial property, mills, workshops, &c., between Jersey Street and Union Street, owing to the Rochdale Canal running on the outer side of the latter, the area may be advantageously diminished by making Jersey Street one of the boundaries, and so reducing the area to about $23\frac{3}{4}$ acres.

But since 1871 cellar dwellings have been closed to the number of 144; and, estimating that each cellar would on an average be occupied by three persons, this would give a total cellar population of 432, which number, deducted from 6,781, will give 6,349 as the present population, and a death-rate for 1876 of 26·4 per 1,000.

In addition to the large district just described there are two smaller districts in the same registration sub-district of Ancoats.

The first is bounded by Union Street and the Rochdale Canal, by Great Ancoats Street, Mill Street, Wharf Street, Smith's Court, and Cotton Street, and contains Newton Street, Fawcett Street, Alum Street, John Street, part of Pott Street, part of Canal Street, part of Back Mill Street, Grammar Street, Factory Street, Brook Street, Dimity Street, Back Fawcett Street, Saint Thomas Street, Back Cotton Street, Henry Street, Pickford Street, Barton's Buildings, Willoughby Court, Pott's Court, Darlington's Buildings, Peter's Court, Ebenezer Court, and Barracks Place.

The second lies between Pott Street, Canal Street, Wharf Street, and New Islington; and includes Beatson Street, Sandford Street, Lower Canal Street, Caroline Street, Pole Street, Coates Street, Back Coates Street, Back Beatson Street, Spinner's Street, Coal Street, Fairbottom's Court, Horne Street, Short Street, Horne Place, Saint Jude's Place, and Baker Street.

On the south-west side of Great Ancoats Street is a district forming a parallelogram, bounded by that street, by Chapel Street, Travis Street, and Portugal Street, and containing Long Street, Heyrod Street, Watson Street, Wesley Street, Norton Street, Aspden Street, Fletcher Street, Fair Street, Paris Street, Church Gates, Back Watson Street, Hardman Street, Baker Street, Dearden Street, Morville Street, Keeling Street, Richardson's Buildings, Whittaker's Buildings, Nos. 1, 2, 3, and 4 Courts, Long Street; Nos. 1, 2, and 3 Courts, Heyrod Street; No. 1 Court, Norton Street; Murray's Place, and Wilbraham Place. The greatest length of the district is about 325 yards, and its greatest breadth about 170 yards.

The lower two-thirds of the Chapel Street boundary is occupied by the works of Messrs Parr, Curtis, and Madeley, by a cotton mill, and a foundry.

Many of the houses in this district are small, old, and unhealthy, and the death-rate is high.

In the lower part of St. Michael's Ward there are two districts, separated from each other by Ashley Lane, in which the houses are small and dirty, many of them considerably dilapidated, and occupied by a low and generally vicious class.

The first is bounded by the river Irk, by Scotland Bridge, the lower part of Long Millgate, to Union Bridge, opposite Back Irk Street. It contains a portion of Charter Street, Crown Lane, Nelson Street, Little Nelson Street, Nelson Court, Holden Street, Nos. 1, 2, and 3 Courts, Ashley Lane; Bone Street, Millet's Court, Davis's Buildings, No. 1 Court, Nelson Street, Knowsley Place, Pump Yard, Lydia Street, and Derby Court.

The second district is bounded by Ashley Lane, Long Millgate, and the Old Factory Yard, Miller Street; and includes part of Charter Street, Crown Street, Factory Street, Back Blakely Street, Joiner Street, Back

Joiner Street, Ledger Street, Beswick's Row, Leadenhall Street, Oswald Street, Munday Street, Comet Street, No. 1 Court, Charter Street; Nelson Court, Munday's Court, Munday's Place, Shaw's Court, Hulme's Court, and Crown and Cushion Court.

On the right hand side of Cheetham Hill Road, at its lower end, near Ducie Bridge, is a small triangular district bounded by the river Irk, Johnson Street, Park Street, and Red Bank, and including Verdon Street, Back Verdon Street, Scotland Court, Back Scotland, and one side of Park Street. Its greatest length is 105 yards, its greatest width 90 yards, its least width 30 yards; and it contains about 108 houses, all occupied as dwellings. Verdon Street is very narrow, whilst Back Verdon Street is a mere court. The houses are mostly small, dirty, and overcrowded. The estimates of houses are exclusive of 39 houses in Johnson Street. The population of the district, including Johnson Street, in 1871 was 869. The death-rate for the five years 1871-5 was 31·3.

In the first part of this report I showed that there was a large tract, coloured red on the map, occupying a great part of the township of Manchester, and of which the Town Hall site is nearly the centre.

This tract is bounded by the rivers Irwell and Medlock, by London Road, Store Street, Great Ancoats Street, Swan Street, Miller Street, Ducie Bridge, and New Bridge Street, down to the Irwell, and includes an area of about 616 acres. A careful enumeration of the dwelling houses in 1877 showed that over this extensive tract there were not more than an average of nine houses to the acre.

It is not meant to be asserted that on no portion of this area there is not a larger number of houses, for in some limited districts, and especially between Deansgate and the river Irwell south of Bridge Street, the houses are numerous and in bad condition. On this tract, exclusive of what has been expended under the Market Street Improvement Act, the Corporation and its predecessors, the Commissioners of Police, have expended out of the profits of the Gas Works since 1825 more than a million and a half of money in the widening of old streets, the opening out of new streets, the destruction of courts and alleys, the abolition of piles of old buildings, and the removal of the fever-haunts, which once afforded a constant supply of cases.

The actual net expenditure, including the Market Street improvement, has been £1,959,426, to which must be added for properties purchased £138,029, making a grand total of £2,097,455 for altering, improving, and constructing 215 streets, &c. It is only necessary to call to mind what was the condition of Little Ireland, off Oxford Road, with its 1,700 inhabitants, of the streets and courts off Gaythorn, Deansgate, Long Millgate, and the streets to the south of Portland Street, and even to the spot now occupied by Albert Square and the Town Hall, when Clarence Street and Gee's Buildings occupied the site, to realise how much has been accomplished in the destruction of bad and fever haunted property. When to this is added the large destruction of some of the worst houses within the area now discussed by the various railway companies, and notably of those existing between Deansgate and Lower Mosley Street, and occupying not less than seventeen acres, and those in the district between Great Bridgewater Street and Little Peter Street, covering five acres, by the Cheshire Lines Company, at a cost of about three-quarters of a million sterling, it will be seen that for many years past operations similar in all respects, save one, to those contemplated to be carried out under Mr. Cross's last Act have been carried out, at a very large outlay, which have changed the character and aspect of a district equal in area and population to a considerable town.

The widening of streets and the opening out of new routes within this area led to a large extension of commercial enterprise; and, as old fever-nests were swept away, warehouses and other places of business arose on their sites, and afforded employment to a class of persons whose wages allowed them to live in the outer zone of the city, or close beyond it.

The increased value which land within the area acquired led in many instances to the removal of mills and large workshops, as the sites paid better for warehouses than for mills; while some of them gave way to the course of improvement, lying as they did in the lines to be traversed. The tendency has been for many years past to concentrate in the centre of the city the buildings for the transaction of business, and to remove to the outskirts the vast mills and workshops wherein are produced the articles disposed of in the warehouses.

The destruction of old houses up to 1877 had been so considerable that it was thought likely when the present area was last under consideration that the demolition would continue at a somewhat rapid rate. This expectation, however, has scarcely been verified. The

actual number of houses pulled down to make way for other kinds of property within the last five years is 372, which has been attended with a displacement of about 1,860 persons. The population of the entire area in 1877 was 28,212, which has now been reduced therefore to 26,352, living in 5,172 houses. At the present time the worst houses are congregated, as has been already stated, between Deansgate and the river Irwell south of Bridge Street, in the district lying between Knott Mill and Albion Street, or between Gaythorn Street and the Medlock, in the short remainders of the streets between the east side of Deansgate and the Cheshire Lines Railway, in the district lying on the west side of London Road between Shepley Street and the Medlock, with some small outlying areas scattered about the district, as in Albert Street, between St. Mary's Church and the Irwell.

In the middle zone, coloured yellow on the map, very little change has taken place since the last report except in the demolition of a few houses near to the boundary of the red or central area. The houses within this zone and some of those specially mentioned in the red area are those which most call for attention. The houses are the oldest that remain in the city, are the most dilapidated, dirty, and altogether in the worst condition.

Over the large tract lying between the outer boundary of the yellow zone and the city limits, coloured blue or green on the map, the houses are for the most part comparatively new. They are built along wide streets, have wide spaces between the backs of the houses, wide passages, and fairly ample yards. In 1877 very careful counting was made of these three portions of the city, with the following result :—That within the red area the population was 28,212, with a death-rate of 26·9; within the yellow zone, a population of 94,736, and a death-rate of 23·4; and in the blue zone, of 246,884 inhabitants, and a death-rate of 20. These death-rates were calculated on the deaths actually taking place in the homes of the people, as there was no means of accurately distributing the deaths that might take place in the public hospitals and in the workhouses. It was hoped that a new displacement of the population from the red area to the blue zone might in itself considerably reduce the death-rate; and, had the migration taken place to a considerable extent, no doubt this would have been the result.

Sanitarians have been much exercised in finding a remedy for the insanitary condition of workmen's houses, and Mr. Torrens's and Sir Richard Cross's Acts were passed with a view to enable corporate bodies

to provide a better class of dwellings for the labouring classes in large towns generally, under the impression that it was to the insanitary condition of the dwellings of the poor that the high mortality amongst them was due.

All the earlier observations were made in London, where a condition of things was found scarcely paralleled in any other large town. Captain Galton states that quite recently there were districts existing, even if they do not still exist, in which the mortality was as high as 60 per thousand. The enormous size of London making it difficult to find sites where the land was sufficiently cheap for labourers' dwellings, except at a distance which was almost impracticable to the working man, caused a system of dwellings to be devised in which they could be accommodated vertically instead of laterally, as it was almost necessary that certain of the working classes should have their dwellings within a reasonable distance of the places where they were employed. Looking at the extent to which the views of the Legislature had been carried out, it may fairly be assumed that there existed an honest desire on the part of the Local Authorities not only to raise the poorest of the working classes from the condition in which they lived, but also to provide for their needs and comfort in reference to their employment. The cumbrous and expensive character of the proceedings, however necessary to be gone through, and the enormous and, indeed, fancy or artificial value set upon the land and buildings required in their operations, made these operations so costly and so onerous to the ratepayers that they were suspended in alarm at the frightful debt which was accumulating, the interest of which impinged not only upon the wealthy ratepayers, but also on the very poorest. "Under the Act for 1875 fourteen areas, inhabited by some 20,000 persons, had been dealt with by the Metropolitan Board of Works. This total," says the Honourable W. St. John Brodrick, M.P., "has been reached by an expenditure of £1,500,000, of which sum only 24 per cent. has been recouped by the sales of sites so cleared. The net loss to the ratepayers has, therefore, been no less than £1,200,000 in providing accommodation for the persons displaced. When we consider that this result represents seven years' work, during which the population of London has been increasing at the rate of 80,000 per annum, the system which provides for the rehousing of some 3,000 persons annually seems deplorably insufficient.

"It is perfectly evident that the benefits achieved are not commensurate with the money spent. The Metropolitan Board have, in fact, come to a standstill from sheer inability to continue a partial system

of relief at so enormous a cost to the ratepayers. In the city of London the case against the Act for 1875 is enormously strengthened. The authorities fixed on two sites, in Golden Lane and Petticoat Square. The occupants, 1,734 in number, were summarily ejected. Compensation was liberally paid to all concerned. A sum of £240,000 was borrowed to meet the expenses of clearance and compensation. The sites have remained unoccupied to this day. The cost incurred had been so enormous that the authorities determined to wait till Parliament should relieve them of it. They have in hand two areas of 111,000 feet, for which £2 per foot could be obtained for commercial purposes.

“The expense of clearance would thus be approximately secured, and the ratepayers would have gained by the removal of dwellings thoroughly prejudicial to the health of the neighbourhood, but under the provisions of the Act of 1875 no such commercial value could be obtained. The obligation to sell the land for the rebuilding of labourers’ dwellings left the corporation powerless to secure the ratepayers even 1 per cent. interest on their expenditure. The difference between the commercial value and the price which could have been obtained for it for the purpose required would have represented a cost of £150 per room over and above the cost of the new buildings and of their site. The ratepayers of the city would thus have been forced to lose a sum equivalent to two shillings and sixpence per week for each room occupied by a working man in their midst. The corporation pleaded the loss of £10,000 per annum for rehousing 1,800 persons as a sufficient excuse for the nonperformance of their remaining obligations.

“Admitting the failures, the Committee have endeavoured to make some reduction in the most obvious features of cost. These they divide under three heads :—The amount of compensation given, the expenses of procedure, and the obligation to sell or re-let the sites cleared for artisans’ buildings. There can be no question that, under the two former of these heads, great reductions might be made without limiting the usefulness of the Acts themselves. The item of procedure and law charges will, doubtless, be substantially reduced by the substitution of a single award by the arbitrator in place of two ; and this provision, with nearly all the others suggested by the Committee, was embodied in a short Bill by Mr. Shaw Lefevre, and passed before the close of last Session.

“The question of compensation is a much more serious one. Under this head more than £1,000,000 has been paid, and in some cases the recipients have been of the most unworthy class.

“In certain instances properties on areas which the Board designed to take were hurriedly repaired at a slight cost, so that the building on inspection might command a substantially increased value. In others, during the same period, sham sales and exchanges were found to have been made at a figure which was subsequently brought forward in evidence to augment the value of the property. In addition to this, large sums were paid in cases of business connected with particular holdings by way of compensation for trade profits, although it is open to doubt whether in strictness of law the Act contemplated compensation for trade profits at all. These forces have all contributed to run up the item of compensation to a gigantic total.

“The present system is nothing but a fraud on the ratepayers. The true solution of the difficulty seems to lie in the imposition of a heavy penalty on landlords who neglect their duties by denuding them of compensation except for the fee simple of the ground. Mr. Shaw Lefevre’s Bill enables the Home Secretary to sanction portions of the spaces cleared to be used for other purposes, provided that not less than one half of the artisans disturbed are replaced on the area. This concession is doubtless needed if the Act of 1875 is to work at all. The ratepayers cannot continue to find accommodation for the working people at £150 a room.”—*The Hon. W. St. John Brodrick, M.P.*, “*The Fortnightly Review*,” October, 1882.

In the *Nineteenth Century* for June, 1883, is a paper on the Dwellings of the Poor, by Mr. George Howell, written, it is to be presumed, from the working man’s point of view. Mr. Howell commences his dissertation by stating that from a variety of reasons Acts for improving the dwellings of the working classes have hitherto been a decided and disastrous failure. That they have done some good all will admit, and that they are capable of conferring still greater advantages upon the classes for whose especial benefit they were passed few will deny; but, considering the express objects of the statutes, they have done comparatively little as yet towards providing cheap, convenient, cleanly, and healthy dwellings for the masses of the poor. The failure of the Acts he considers to be conspicuous not in London only, but in all our large towns throughout the kingdom. Mr. Howell goes over much of the ground travelled over by Mr. Brodrick, but his observations apply mostly to London. He descants on the condition of the houses, the filth and poverty of the people, and the large number of persons displaced from their homes by the progress of improvement. He lays much stress on the cost of sites as a reason alleged by local authorities

for not promptly and widely putting in force the provisions of the Artizans and Labourers' Dwellings and Improvements Acts. The outlay of the Metropolitan Board of Works during a period of less than five years, for area and clearance only, was £751,416. So vast an expenditure on sites alone is conclusive as to the impossibility of private enterprise being able to cope with the practical difficulties which beset undertakings on a large scale having for their object the providing of sufficient and convenient accommodation for the working classes. Special powers of sale and purchase must be given to the body or authority proposing to undertake the gigantic task, and the most fitting corporate body for possessing such compulsory powers for the purpose named is the properly constituted local authority for the district. Compensation to owners of property and residents absorbs a large amount. Exorbitant claims, based on fictitious values, are put forward with all the effrontery imaginable, and acute lawyers, valuers, and accountants are ever ready to press such claims. The cost of disputing and fighting such claims is a large item in connection with nearly every scheme. Mr. Howell next proceeds to describe the conditions of a workman's house necessary to make it healthy; and then he asks, applying these rules, whether dwellings specially constructed for the classes intended to be provided for under the "Artizans and Labourers' Dwellings and Improvements Acts," will pay as a commercial speculation, or whether it is necessary that a portion of the first cost should be met by the rates. The erection of dwellings for the very poor can scarcely be expected to pay a dividend on capital equal to Consols. In some cases the income will, perhaps, barely cover the expenditure, taking one year with another, unless the conditions under which the sites are acquired and the buildings erected are exceptionally favourable. But this fact ought not to deter local authorities from taking action; it ought rather to stimulate them, seeing that private enterprise can hardly be expected to embark in the undertaking. He thinks it possible that, under favourable circumstances, they may return a percentage on the capital expended of from one to two-and-a-half per annum; but, even should they fail in this particular, the losses will be recouped by savings and advantages in other directions. The destruction of fever-dens will increase the value of all other neighbouring property, and will augment the assessments for rating purposes. Improved dwellings will diminish disease and lessen the payments to the Asylums Board. The principal thing done by local authorities has been the clearance of certain areas by ousting the inhabitants residing in the locality covered by the

scheme, and the demolition of the houses in which they dwelt, accommodation having been provided for the families displaced. The largest area that has been dealt with outside the metropolis is in Birmingham, where 93 acres have been included in an improvement scheme the estimated cost of which was £1,310,000. The urgency of the case is much less in the largest and most densely populated provincial towns than it is in London, because of the ease with which the poor can walk to and from the outskirts, where rents are low and the accommodation fairly good, to the centre of the town in which they have to labour, whereas in the metropolis mechanics and labourers have to walk a distance of five, six, and seven miles in the morning, before the clock strikes six, to their work. A great deal of energy is expended in this way ere the day's work is commenced.

Indirectly, the series of Acts have had a beneficial effect. The discussions on the subject of workmen's dwellings, partly caused by the demands for further legislation, and the result also of philanthropic movements promoted in various ways, have drawn attention to the condition of the homes of the poor. Private voluntary effort, especially by Miss Octavia Hill and Lord Shaftesbury, has tried to improve the state of things in crowded courts and alleys in certain districts, and much has been done in this way by an earnest few. They have aimed rather to improve existing dwellings than to erect new buildings. The results, however, are infinitesimal compared with the enormous needs of the vast area to be covered, and the stupendous population to be dealt with in London. The one private effort that has eclipsed all others is the Peabody Trust. Mr. Peabody left £500,000 towards providing suitable dwellings for the poor in London. The total capital fund of the Trustees at the end of last year was £804,610. The total amount, including money borrowed, expended by the Trustees upon London buildings up to the close of the year was £970,500. The total properties of the Trustees are fifteen, number of tenements 3,517, number of rooms 7,808, of families 3,517, and of individuals 14,604. The rents range from two shillings for a single room to seven and sixpence for four rooms. The other private associations, working mostly on a commercial basis, are seven in number, and have sixty-four estates, 9,758 tenements, 26,335 rooms, occupied by 49,398 persons, the amount expended having been £2,327,814. As a rule the artizan classes prefer the small or separate house system to tenements in the huge buildings before referred to—even those of the Peabody class—though, once installed in one of those commodious blocks, they seldom care to vacate

their tenancies and go back to the inconvenient houses in crowded streets where they formerly lived. If they improve their position in life they seem to prefer to exchange one room for two or two for three in the same building, or one of the same kind elsewhere.

The only direct actual outcome of the Dwellings Acts in London by the efforts of the constituted local authorities, apart from clearances, closing of dilapidated tenements, and the like, are the Corporation Buildings, in Farringdon Road, and the Viaduct Buildings. The former contains 183 tenements, and the latter 40. The inadequacy of the efforts already made, and the insufficiency of the agencies which are at work, to grapple with the serious question of workmen's dwellings are incontestable. The fact is patent to all who have investigated the subject for themselves, and it is daily impressing itself upon the minds of philanthropists and statesmen as one of urgent importance, and needing instant attention.

It is alleged that making provision for carrying out the Acts by means of the rates is inexpedient, and even dangerous in its nature and consequences—nothing less, some say, than a species of socialism. But the construction of docks and harbours, works for improving the navigation of rivers, the building of bridges, making roads, drainage schemes, and many other undertakings, are instances of the application of the self-same principle. Sanitary legislation in the interest of the health of the community is another branch of administrative polity which is almost identical in all its main features with that now urged. The Public Health Acts are based upon precisely the same principles as the Artizans and Labourers' Dwellings Acts, the latter forming part of the same series, and having exactly the same objects in view. Primarily, a particular section will be benefited, and perhaps more largely than the general public, but they belong to the poorest class, those least able to help themselves, and the entire body of the people will share the advantages conferred in the long run. Much of the legislation of the past fifty years is based upon the same principle, and it is a policy that has paid. The Factory and Workshops Acts, Mines Regulation Acts, and the whole body of protective and enabling law, is a result of such policy.

Better homes for the people, Mr. Howell thinks, will do more than Public-house Closing Acts to improve the condition of the masses, and stimulate them to make an endeavour to lead nobler lives. If helping the poor in this way—doing for them what they cannot do for themselves, or

aiding them to do what they cannot accomplish alone—be socialism or communism, the more we have of it the better, when wisely and judiciously administered. If such action is opposed and resisted, the masses will come to regard socialism as the instrument of their salvation, and they may embrace the more pernicious theories. Much has been done for trade and commerce, and more still in the interest of land ownership, that equally deserves to be stigmatised as socialism, but the term in its reproachful sense is usually reserved for movements aiming at the amelioration of the condition of the masses of the people. Whatever the method adopted, there are cases where municipalities or local bodies alone can cope with the difficulties of the situation, and provide adequate remedies. In such cases it is their bounden duty to undertake the task, even at the risk of failing to realise a profitable return, calculated as a mere commercial investment. But there is no reason why such dwellings, even of the poorest class, should not pay a small interest on capital, ranging from $2\frac{1}{2}$ to $3\frac{1}{2}$ per cent. annually, in addition to the incidental pecuniary advantages arising from augmented rentals, the result of improvement schemes in the immediate neighbourhood.

In the *National Review* for November, 1883, is an essay by the Marquis of Salisbury on Labourers and Artizans' Dwellings. The Marquis commences by saying that the question of the condition of the dwellings of the wage-earning classes is in a position peculiarly favourable just now for practical attempts at dealing with it.

It excites more general attention than has ever been drawn to it before, and the grave injury both to morality and health caused by overcrowding is more generally recognised. He then proceeds to a discussion of the cottage of the agricultural labourer, but this does not concern us. The housing of the poor in our great towns, especially in London, he considers a much more difficult and more urgent question, for the increase of prosperity tends rather to aggravate the existing evil than to lighten it. The dearness of the dwellings in towns is due to the cost of building and the cost of land combined. As competition becomes closer the sufferings of the poor from bad housing become very severe; thousands of families have only a single room to dwell in, where they sleep and eat, multiply and die; and for this they pay a price ranging from two shillings to five shillings a week. He alludes to the testimony given last year before the House of Commons to the value of the Acts passed by the exertions of Mr. Torrens and of Sir Richard Cross, by which unhealthy blocks can be purchased and cleared away, and replaced by wholesome dwellings.

But it appears from the evidence taken before the Committee that the efforts under these Acts, though beneficial in a high degree, have only affected a small proportion of those whose condition most calls for relief. The question, he says, remains whether more could be done by Parliament than has been done, and, if so, in what direction it ought to move. At present no proposal has been made to give assistance for the improvement of dwellings except by way of loan, and he thinks it cannot be maintained that loans for public objects are against the practice of this country, because their first effect may be to promote the interest of individuals. He thinks it sufficient to recall the advances made by various Governments, but especially by that of Sir Robert Peel, for the extension of drainage in this country. In the case before us the loan would be justified by considerations of public policy, even if all thoughts of humanity were cast aside. These overcrowded centres of population are also centres of disease. In London much of the evil has been caused by improvements. New streets, railways, viaducts, law courts, and other public buildings, have swept away the dwellings of thousands of the poor, and in that proportion have made the competition more intense for those that remain.

The Marquis does not believe that there would be any serious conflict on the question whether an advance of public money ought to be expended in providing a remedy if there were any general agreement as to what the remedy should be. The discordance of opinion among authorities of equal weight in the evidence taken before the Committee which reported last year on the subject is very remarkable, and certainly suggests the conclusion that a more complete investigation is required. There are two chief schools among the experts who prescribe for this social malady—those who would seek for more room by greater elevation of building, and those who would seek it by going farther afield. The plan which has received the most systematic trial is that of seeking more accommodation by a greater elevation of building. The edifices which have been built of late years by various philanthropic bodies and persons for the purpose of housing artisans, and which do house some 60,000 souls, have not been unsatisfactory in their financial results, but they have rather tended to show that as a matter of business this kind of accommodation can only be offered for the better class of artisan. The results obtained by the Peabody Trust give the safest indication of the maximum that it is possible to effect by this kind of agency at the present time. The houses of Sir Sydney Waterlow's Company and Mr. Gatliff's Company were many of them built under cheaper conditions than are now attainable. Within the last twenty-five

years not only has the price of sites risen, but the cost of building is half as much again as it was. Moreover, as by the rule of the trust the Peabody Buildings only earned 3 per cent. upon the capital employed, all question of commercial profit is eliminated in their case.

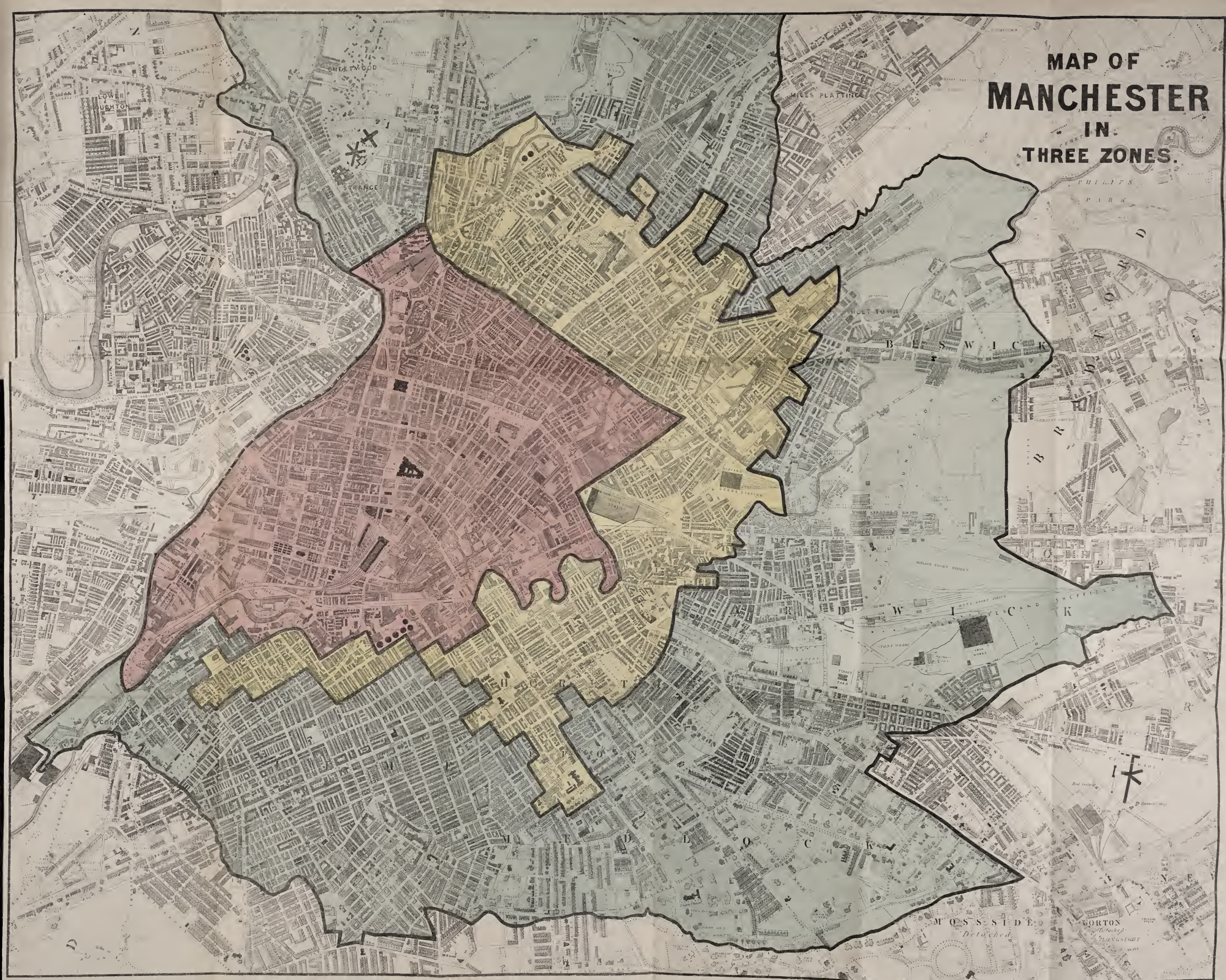
In the Peabody Buildings the tenement most commonly consists of two rooms at two shillings each and the share of a wash-house; but, as the average number of persons inhabiting a tenement is between four and five, it is to be presumed that artizans with large families are not often to be met there. There is a small proportion of rooms let singly and a certain number of larger tenements bring up the average rent of the tenements throughout to four shillings and fourpence.

It is curious that the cost of building is just £75 per room, so that the cost of the ordinary two-room tenement, as far as building goes, is £150—just the same as the usual price of erecting a four-room cottage in the country. For land the Peabody Trust in their more recent purchases have paid five shillings a square foot, and each room represents about 100 square feet of site. In addition, therefore, to the £150 which is the cost of building, the two-room tenement costs another £50 for land. In this respect the country cottage has a considerable advantage. If land for buildings of this class can be had at £300 an acre, £50 would pay for the sixth of an acre, which, allowing 100 square yards for a cottage, would leave a handsome residue for a garden.

Sir Sydney Waterlow's Company has built at an average of £51 a room, but then much of his building was done before the great rise in prices.

Mr. Gatliff's Company quite recently built at £61 a room, as against the £75 of the Peabody Trustees, but the latter body built magnificently, with a view to permanence. The Marquis doubts whether land could be obtained in a tolerably central situation at five shillings per foot. The Peabody Trust have been able to purchase about nine acres of the Board of Works for five shillings a foot, because Parliament compelled the Board to sell for this purpose, and this purpose only. But the Board itself, taking the land compulsorily, paid not five shillings, but a guinea, per square foot, including all expenses. Parliament thus caused the Metropolitan Board of Works the loss of half a million of money, which is in effect a contribution by the ratepayers to the erection of artizans' dwellings in central situations.

MAP OF MANCHESTER IN THREE ZONES.



In spite of the lowness of the interest they accept, the Peabody Trustees have not been able to reduce their rents sufficiently to meet the wants of the class for whom help is most sorely needed. The average earnings of the head of the family in each of their tenements is £1 3s. 4d.; and, as the average rent is four shillings and fourpence, it bears a high proportion even to this rate of wages. The other proposal is to build the improved lodgings in country districts, and to organise a system of cheap trains by which the workmen could come in daily to their work. In Glasgow, and other provincial towns where the distances are not great, the removal of the workmen's dwellings to the suburbs has answered very well. Where suburban cottages have been built near London for the labouring classes, as at Tottenham, Edmonton, or Enfield, results have not been satisfactory. The houses have been run up by speculative builders. They are built upon dust heaps; their drainage is not connected with the main sewer; for want of a damp course they are unwholesome from damp; the bricks are put together with mortar which is little better than mud or sand. In short, they are the production of the jerry builder. By the side of these two types of rival agencies there are other societies which, while furnishing sound buildings and respectable lodgings, have, to a great extent, succeeded in procuring a return of 5 per cent. for the money they have employed. But they can hardly be spoken of as competitors. The artizans' families who live in the houses of Sir S. Waterlow's Company are earning—many of them—from thirty-five shillings to two pounds a week, while the average of their earnings is twenty-eight shillings, and even for houses of this class built in the nearer suburbs the Company is beginning to find the competition of speculative builders too severe for it. Mr. Gatliff's Company finds itself pushed hard both by the speculative builders and by the Peabody Trustees, and has resolved to desist from further undertakings for the present. The Peabody Trust and the speculative builders of the suburbs may be taken as representatives which are at present available for the relief of overcrowded London. If we ask what class it is they relieve, it is curious to note the close correspondence of their figures. The average rent of a tenement in a Peabody building is given in the report published in the Blue Book as four shillings and fourpence farthing a week. The rent of a tenement of three rooms at Tottenham or Edmonton is given by Mr. Birt as three shillings and sixpence, which, together with the weekly price of the railway ticket, makes four shillings and sixpence. In the same report the trustees give the average income of their tenants as £1 3s. 4½d. Mr. Birt gives as the average income of the artizans who travel backwards and forwards by the Great Eastern

Railway £1 4s. Private enterprise, therefore, and charitable effort are closely on a level, both in respect to the price of the article they offer and the class for whose custom they compete. But we may assume with confidence that there are multitudes whose nominal wages fall short of £1 3s. a week, and if the intervals when work is not to be had are taken into account the number of those to whom the Peabody Buildings would be inaccessible is more formidable still. To be able to pay the average Peabody rent a workman must earn £55 a year; but the Marquis thinks that the number of labourers and artizans, in London at least, who earn this sum are far from being a moiety of the whole labouring population.

This is the real knot of the difficulty. The experiments that have hitherto been tried have contributed only partially to its solution. Something has been done, because a considerable number of the better-paid workmen have been housed, and they have ceased to add to the pressure by competing with the poorest class for the accommodation that exists.

But beyond this nothing has been done for the housing of this poorest class, whose need is the greatest, and who furnish most of the terrible cases of overcrowding of which we read such deplorable descriptions. Municipalities cannot borrow under 3 per cent., and they would have to put aside at least one half per cent. as sinking fund to replace their capital, and the poorest class cannot pay a rent for wholesome dwellings to meet this interest.

When he comes to the residual class, receiving the smallest amount of wages, the Marquis is at a loss what to do, or what to recommend. It is not easy, he says, for any one to say in what manner effective health is to be brought to them, still less easy for those who only look at the matter from the outside. In London the difficulty is greatly aggravated by the singular absence of accurate information on the subject. We do not know, he says, even approximately, the number of the sufferers, or where they live, or what they earn. How are we to judge of the measures required to remove this evil if we have no notion of its extent, or how far it is the offspring of mere poverty? It would be satisfactory if there were some heroic plan by which a sound and effective remedy for their evils could at once be applied, but no such plan has as yet been suggested, and in the absence of it the best thing to be done is to attack the evil on as many sides as possible. By withdrawing the better-paid class of artizans the Peabody Trustees have lessened the

competition for house rooms in respect to the class below them. From the businesslike qualities they have shown, and the manner in which they have done their work, the Marquis thinks that Government advances might advantageously be made to the Peabody Trustees to carry on their work with increased rapidity. The speculative builders in the suburbs might also be placed under sanitary supervision as effective as that which exists in the metropolis. He also suggests that weekly shilling tickets should be issued by railway companies to labourers living in the suburbs. Large employers of labour, he thinks, might advantageously to themselves provide wholesome house accommodation for the workmen in their employment. Where the difficulty arises from the wages being too low to pay the bare cost of providing lodgings it is evident that, so long as wages remain at this level, it is not possible that, through existing agencies at least, relief can be afforded by any expenditure that assumes to be a remunerative investment. His Lordship suggests that the Government might fitly lead the way in the provision of better residences. They employ in the Post-office, in the Police, in the Custom House, and at other Government establishments, a large number of people whose wages are considerably below the £1 3s. which is the average income of the Peabody tenants, but he does not believe they have made any provision worth speaking of for the housing of these people. He thinks that dock companies, railway companies, and the like, might follow the movement. Such measures, at all events, will be palliatives, though an entire cure may be very distant. He throws out the idea that it will be ultimately found in an agency of a totally different character, and descants on the evidence of Miss Octavia Hill. Miss Hill and her fellow-workers seem to have had nothing to rely upon except their own exertions and contributions, but with these the benevolent ladies appear to have solved the problem over which great corporations have failed. They have reached the poorest class, and they have made the operation pay. She has had to pay as much as ninepence a foot for land, and yet has been able to make 4 per cent. on her expenditure. When the ground-rent has not exceeded sixpence she has been able to make 5 per cent. The system which she and her associates have followed is to take some court where the buildings are out of repair and inhabited by a dense and neglected population, and to purchase the leases of the houses as occasion offers. She collects the weekly rents herself, which gives her the opportunity of making the acquaintance of the inmates, and the object she thenceforth pursues is to improve the tenants with the tenements, repairing the rooms, and persuading the inmates to preserve them, and to take, where necessary, two rooms instead of one. In many

cases the improvement of the tenement cannot be carried far on account of the dilapidated state of the structure, and then rebuilding becomes necessary. She reaches the very lowest class that has any settled habitations.

In the *Fortnightly Review* for October, 1883, is an article on the Housing of the Poor in Towns, to which no signature is attached. The article covers fourteen pages, of which eight are devoted to a description of certain wretched dwellings and their inmates, in London, visited by the writer. The pictures are gloomy in the extreme, but need not be narrated here, as they are typical of thousand of others that have been described by various writers.

He observes, quoting from Mr. Bright, "that more than 30 per cent. of all the inhabitants of Glasgow have but one room in which to live, eat, and sleep." He asks what sort of people can be expected to grow up on these conditions. In every case it will be found that the workman resembles his dwelling. When the man is unable to alter his surroundings, his surroundings make the man. If the monotony of the daily labourer, and the absence of all amusements, is not sufficient to explain the drunkenness of the working classes, surely the overcrowding in their dwellings, when considered with the other causes, is enough to explain the existence of the vice. The evil effect of overcrowding upon the poorer classes of our large towns is now generally recognised, but it is not so widely understood that it is to the interest of all in the community to do away with these evils. It must be borne in mind that the milk, the food, the linen used by the better classes pass through the hands of those who live in courts and alleys, and whose conditions of life, although concealed, have the most serious influence upon the lives and health of those whose circumstances appear to place them above all danger, and who may live at a great distance from the source of contagion. It is to the interest of all in the community that the workman should become a better instrument of production; that his dwelling should not be a hotbed of disease; that his degradation and misery should not be a constant source of danger to the State.

The Metropolitan Board of Works, reporting in 1880 on the Acts of 1875 and 1879, say that the main objections to the Acts were that the mode of procedure which it prescribed is dilatory and costly, and that the basis upon which the valuation of property is made results in such large compensations being awarded as practically to render it inexpedient to carry the provisions of the Act into effect. In Birmingham the

improvements cost the Corporation half a million. Six thousand three hundred pounds was paid for some houses which three years before had been bought for less than £3,000. The Metropolitan Board of Works reported, in 1881, that the amending Act of 1879 was not found to diminish materially the objects which impeded the Board's operations.

The question of cost, then, is the all-important one, and it is a two-fold question. First, How may the present pest-house be purchased as cheaply as possible? Secondly, Who is to bear the cost, if any be incurred? As regards the first point, it is allowed on all hands that the law should give the power of compulsory purchase, and that the amount to be paid should be determined by an official valuer. The question is upon what basis of calculation should the official valuer found his estimate. A Mr. A owns a house which brings him in a rental of £100 a year, and for this he demands £3,000 about, or that sum which, were it invested in Government securities, would bring him in £100 a year. But he has been receiving a rental which usually amounts to from 10 to 20 per cent. on his investment, and he now demands a capital sum reckoned at the rate of 3 per cent., thus demanding five times the value of his property. The writer proposes to allow 10 per cent. of the house property, and so, though the house, perhaps, would cost £300 or £400 to rebuild, to give £1,000, or ten years' purchase of the rental. He would also give ten years' purchase of the ground-rent as the maximum sum to be awarded. He considers that it would be unjust to take other property for approaches yet not in an unsanitary condition on the same terms as the unsanitary. In this case the official valuer should be instructed to leave out of the account all prospective increase in the value of the property, and to base his award upon the actual market value. If the community act upon the principles here laid down, the rehousing of the poor in towns can be accomplished without expense. For it is apparent that inasmuch as the Corporation is content with a return of 4 per cent. upon the money it invests, whereas the individual landlord always reckons upon receiving from 10 to 20 per cent. on his investment, the new houses can be built so as to offer twice as good accommodation as in the old at the same rental. If, however, any cost be incurred, it can but be very small, and it should be defrayed by a tax levied upon the district which immediately surrounds the improved locality. For the value of house property in the immediate neighbourhood of the improved portion will increase in value by reason of the improvement, and with house property, property in land. It is clearly equitable that they who most profit by the improvement should contribute towards its cost, if cost there be. This consideration has

already been taken into account in similar cases in America. The new law, then, to provide for the rehousing of the poor in towns should enact that the municipality be compelled to undertake the improvements declared necessary by the Municipal Medical Officers of Health, or by Medical Officers appointed by Government for the purpose.

Secondly, that the municipality should have the right to purchase compulsorily.

Thirdly, that the price to be paid by the municipality for the houses and lands required should be determined by a Government valuer, and should never exceed ten years' purchase of the actual rental.

Fourthly, that the cost incurred should be defrayed by a tax levied upon the owners of houses or real property within the district wherein the improvement is to be made in proportion to the value of their holdings of such property.

The Peabody and Ashley dwellings show what may be done towards the humanisation of the poorer classes, while increasing their independence of character. In these dwellings the rent is always paid willingly, and there are always many applicants for each vacant room. After paying one visit to these noble institutions, after noticing the mats and carpets placed before the doors, and the flowers tended in the windows, all the touching evidences of the pride the humblest inmates take in the improvement of their abode, it becomes difficult to excuse the continued apathy of the State where sympathy has proved so successful.—“*Fortnightly Review*,” October, 1883.

The question of the condition of workmen's dwellings, and of those of a class below them who are not working men—the true residuum—and the evils arising from that condition in the permanent deterioration of the morals of the people, in the perpetuation of evil habits, including drunkenness, in the reduction of the physical condition of the people, and in the fostering, and possibly the generation, of diseases apt to spread to other members of the community, has, within the last six months, come very much to the front, and very many people have had their attention especially awakened to the evils arising from the way in which the people live, injurious not only to them, but to the entire community, and menacing, it may be, to society in all its aspects. A widespread desire seems to have sprung up that the housing of the people should be improved, and of late not a month has passed but in

some one or more of the leading periodicals articles have appeared of great ability, arguing that something should at once be done, and it is especially to be noticed that with the discussion of the subject and the ventilation of the horrors that exist in the present dwellings the articles have become more trenchant. Beginning with the mild but very able article of Mr. Brodrick, and passing through that of Lord Salisbury, we come to a new feature in the way of dealing with the evil in the essays of the later writers. These insist on the contribution to the enormous expenditure necessary to be incurred if Sir R. Cross's Acts are to be carried out of a class of property the most largely benefited by the expenditure, and which has hitherto, to a great extent, and in a certain class entirely, escaped taxation.

Though millions have been spent, attended in some cases with very great loss, the money has been furnished entirely by the ratepayers—that is to say, by the occupiers and not by the owners of property, to a large extent a migratory and erratic population, and having no permanent interest in the improvements effected. The later writers seem to have felt that this was a great injustice. The first strong article on the subject is in the *Fortnightly Review* for October last, where the writer maintains that the cost to be incurred in the improvement of the houses of the poor should be defrayed by a tax levied upon the owners of house or real property within the district wherein the improvement is to be made in proportion to the value of their holdings of such property. I quote the exact words of the writer.

This is followed up by an article in *Macmillan's Magazine* for the month just passed (November, 1883), and by a still more trenchant article by Mr. Chamberlain in the *Fortnightly Review* for this present month, and of which a very able extract has been given in the *Manchester Guardian*. The writer in *Macmillan's Magazine*, after expatiating on the improvements effected in London within the last twenty-five years past, goes on to say, “these vast improvements, attended as they undoubtedly have been with manifold advantages to the whole community, have entailed an enormous expenditure and a vast burden has been imposed upon the ratepayers. The municipal debt of London is at the present time over twenty-three millions sterling, and when water and light are added the obligation will be increased to nearly seventy millions.”

While these improvements have most unquestionably proved advantageous to the whole community in making life more enjoyable, there

is a class who have derived especial benefit from this great outlay of what we may call public expenditure, and that is the landowners of London. Properties whose rentals twenty years ago were represented by hundreds are now productive of thousands.

The landlords have thus been enormously enriched by casting an undue burden upon the inhabitants at large, and they have escaped their fair share of the liability whilst they enjoy to the full the advantages. The whole weight of the burden of local taxation falls upon the occupier, and the escape of the landowner is one of those crying evils which must before long find a remedy or prove a serious menace to the highest interests of the town.

Mr. Fawcett, in a debate on the Public Works Loans Bill in 1875, put forward his view of the matter in the following manner:—"What," he said, "was the present position of local taxation? The great increase in the local taxation had been carried chiefly by perpetually calling new rates into existence, and he would prove how peculiarly unjust was the system of throwing every shilling of the capital and interest of loans for public works upon occupiers and not upon owners. He would take the Artizans' Dwellings Bill as an illustration of his proposition. The Home Secretary said that although the Bill would in the first instance involve a considerable charge in order to carry it into execution, yet the ratepayers would be ultimately remunerated and compensated, even in a pecuniary sense. Admitting that statement to be truly accurate, what did it amount to? Supposing £62,000 were required to be raised in order to provide dwellings for the working classes, it must be borrowed on the principle that the whole of the money, principal and interest, should be repaid in twenty-one years. To do that it would be necessary to impose a shilling rate, the result being that at the end of that term the municipality would, according to the supposition of the Home Secretary, find itself in possession of a property worth £80,000. But every shilling of the additional rate would have been paid by the occupiers, while not a single farthing would have been contributed by the owners of the buildings, or the owners of the land on which they stood. If, then, the occupiers had given to the municipality a property worth £80,000, the rates would be reduced. If the rates were reduced, the rents would be raised; and it came to this, that the occupier of a house would be rated in order to enable the owner ultimately to put the money into his own pocket in the form of increased rent. If, for the sake of effecting any improvement, money was borrowed, and a new rate was imposed to pay

the principal and interest of the loan, every shilling of the rate would be paid by the occupiers as distinguished from the owners. Hence it has come to pass that, in placing the burden for improvements upon the ratepayers who are only occupiers, the landlords have their properties improved and their incomes increased at the cost of the inhabitants at large, and they are not called upon in any way to contribute, whilst they ultimately come in for the sole benefit of the expenditure." The writer cites the proposal adopted by Mr. Goschen's Select Committee upon Local Taxation in 1870, that it is expedient to make owners as well as occupiers directly liable for a certain proportion of the rates.

He then goes on to describe houses in London, the like of which I have not for many years seen in Manchester, and adduces one district in which the mortality is as high as 50 per 1,000. After showing the eager readiness with which the better class of the poor—such as mechanics and artizans—seek the tenancy of the tenements offered by the Peabody Trust and Sir S. Waterlow's Company, and the desire shown by the Legislature to provide better and healthier habitations for the poor by passing the various Public Health and Dwellings Acts, he says very soon after the passing of Mr. Cross's Act several representations were made by medical officers to the Board of Works and the Corporation of London respecting areas which, in their opinion, should come under the operation of the Act, and in consequence several sites were selected for condemnation, and these in time were acquired and cleared of the wretched dwellings that existed upon them. So cumbrous, however, was the machinery, and so costly its operation, that it became manifest that if put into extensive operation it would involve a very large expenditure and add considerably to the burden of the ratepayers. The rock on which Mr. Cross's Act came to grief was its false principle of compensation to the owners of properties which had been allowed to become condemnable as unfit for habitation. The result of this principle of compensation in a very short time involved the Metropolitan Board in a very large loss, for the amount which they had to pay for compensation was utterly out of proportion to what they were obliged to sell the sites at for artizans' dwellings, and a loss of over half a million in a short time rather alarmed the ratepayers. Lord Camperdown, in a speech of his in the House of Lords in 1879, said it seemed to him that the proper course of proceeding would have been to consider these houses as condemned nuisances which must be removed under the Nuisances Removal Act, and paid for accordingly. He had no hesitation in saying that the effect of the working of the Act up to that time had been to establish and encourage a trade in those houses which were unfit for habitation.

The writer of the article then goes on to suggest a rather strong measure—that Parliament should insist that when owners of inhabited houses permitted their property to become liable to be condemned as unfit for human habitation, and detrimental to the public health, they should be called upon to demolish the same, remove from the surface the materials, and rebuild thereupon a building to house as many as have been displaced, and that upon his failing to do so, after a reasonable lapse of time after notice, the ground should be acquired by the local authority at a value based solely on the ground itself. He goes so far as to say that in extreme circumstances even forfeiture of the land should be insisted on, and maintains that this view accords with the opinion of many of the witnesses examined before the Select Committee upon the Act in 1881, and seems to think that even Sir Richard Cross, by some questions put by him, was of opinion that the owners of such dwellings should receive no very liberal treatment; in fact, that Parliament should by an Act declare specifically what compensation should be given, if at all, implying necessarily that there may be cases in which absolute forfeiture might with justice be declared.—“*Macmillan's Magazine*,” November, 1883.

Mr. Chamberlain, following this article a month later, goes yet beyond it, and would heavily fine the owners of insanitary property for letting such property. The following abstract of Mr. Chamberlain's views, as expressed in the *Fortnightly Review* for December, 1883, is from the *Manchester Guardian*:—“Social reform is in the air, says the right hon. gentleman, and able writers in the pages of the *Fortnightly* have, for some time past, endeavoured to impress on statesmen and politicians the urgency of social questions, and the magnitude of the evils which have silently undermined the extraordinary show of outward prosperity on which we have been congratulating ourselves during the last thirty years. The cry of distress is yet almost inarticulate, but it will not always remain so. The needs of the poor are gradually finding expression; the measures proposed for their relief are coming under discussion. Mr. Chamberlain then proceeds to consider what has been done in the way of legislation to atone for the neglect of past generations. The Public Health and Mr. Torrens's Acts proceeded on the assumption that houses forming a public nuisance might be closed or demolished, or the owner might be required to put them in a proper condition. If the owners of shameful dens were sternly dealt with forced to keep their property in order under pain of being deprived of it altogether, if the sanitary inspectors did their duty, and overcrowding were strictly prohibited, it would seem that these nests of vice might be

at once cleared out, and their re-establishment in other places prevented. Why have these Acts failed? An important attempt to grapple with the evil under consideration was made by the Artizans' Dwellings Act, 1875, and the subsequent Acts amending it. This legislation, which was promoted by Sir R. Cross as Home Secretary in the late Administration, is most creditable to its author, and is by far the most radical and comprehensive scheme of reform that has yet been suggested. But the truth must be told, that these Acts have in their operation disappointed the hopes with which they were introduced, and in fact they are tainted and paralysed by the incurable timidity with which Parliament, largely recruited from men of great possessions, is accustomed to deal with the sacred rights of property. In a review of what has been done in London and in provincial towns to carry Sir R. Cross's Act into effect, Mr. Chamberlain quotes the proceedings of the Birmingham Town Council, which has cleared away over 1,300 artizans' dwellings to make a new street through the heart of the district to be improved. The sanitary result of the improvement has been most striking, the death-rate for the whole area cleared, which was 53·2 per thousand in the three years 1873-5, having sunk to 21·3 since the alterations. This has affected the mortality of the borough, which fell from 26 per thousand in 1873-5 to 20 in the three years 1880-2, a saving for the whole town of 2,400 lives per annum. The cost is an insuperable obstacle at present to a bold and comprehensive dealing with the subject. But, large as it is, it represents not the fair and reasonable expense of an important improvement, but rather the sum which has been overpaid to those whose neglect of their obligations has created the mischief. With the amount at its disposal the Birmingham Corporation might have dealt with two or three areas as large as that selected if they could have been secured against the exorbitant valuations of arbitrators and juries, and the extravagant expenses allowed in connection with them. Here, then, Mr. Chamberlain arrives at the conclusion of the whole matter. It is simply a question between the rights of property and the rights of the community, and as long as we are willing to treat as one of the incidents of private ownership the power of exacting extortionate terms of compensation whenever the necessities of the public call for expropriations, we may write as many articles and make as many speeches as we please about artizans' dwellings, but we shall not advance one single step in the direction of their improvement. Passing over these suggestions, Mr. Chamberlain goes to the root of the matter, and states the principle on which alone a radical reform is

possible. The expense of making towns habitable for the toilers who dwell in them must be thrown on the land which their toil makes valuable, and without any effort on the part of its owners. 1. The law should make it an offence punishable by heavy fine to own property in a state unfit for human habitation. 2. In every case in which the local authority acquires property under these conditions the arbitrator should be empowered to deduct from the ascertained value such sum as he thinks fit by way of fine for the misuse of the property and the offence committed in allowing it to be the cause of disease and crime. 3. Local authorities should have power, subject only to appeal to the High Court, to close such property, or to make at the expense of the owner such alterations or repairs as may be ordered by the sanitary officer, without being compelled to acquire it. 4. Local authorities should be further empowered to acquire any lands and buildings for the purpose of a scheme under the Artizans' Dwellings Acts, at the fair market value of the same, to be settled by an arbitrator appointed for the purpose, and instructed to give in every case the value which a willing seller would obtain in the open market from a private purchaser, with no allowance for prospective value or compulsory sale. 5. The valuation should be made in every case by an official arbitrator, and no appeal should be allowed from his decision. 6. The scheme of improvement should include any surrounding property which will be benefited by the reconstruction of the unhealthy area, and the confirming order should authorise a rate to be levied on the owners of such adjacent property, fairly representing the appreciation of their holdings by the proposed improvement. The principle of this proposal has always been adopted in the case of town improvements in the United States, and it has even found its way into English legislation. 7. The cost of any scheme for the reconstruction of an unhealthy area should be levied on all owners of property, including long leaseholders, within a certain district to be determined by the scheme. The effect of these or similar provisions would be simply that improvements on a large scale, and in every large town, could be undertaken by the local authority without fear of excessive cost or additional burden on the rated occupiers. It remains to be seen whether practical effect can at present be given to the only measures which afford hope of permanent relief, or whether we shall be condemned to witness yet another tinkering of the machinery which has entirely broken down."—*Manchester Guardian*.

Nineteenth Century, December, 1883.

In the *Nineteenth Century* the subject of "Common Sense and the Dwellings of the Poor" is treated in four useful articles. The keynote of all of them is the deprecation of State interference, along with the insistence upon the hard fact that much of the squalid wretchedness comes from the people, not from the houses, and would be as bad as ever in a few weeks if all the houses were rebuilt to-morrow. Miss Octavia Hill writes from her immense experience on "The Improvements now Practicable." Her description of the way in which houses are now actually being built in London—in such a way, namely, that the occupier can take an extra room, only separated by the width of a lobby, as soon as he can afford it—is most valuable. Her warning that all such work as that which she has directed with such conspicuous success for many years will be brought to nought directly the State interferes to undersell private effort should also be borne assiduously in mind. Mr. Arnold Forster states the "Existing Law," and shows that the greater part of the legislation demanded by Mr. Chamberlain exists in fact already. Mr. William Glazier supplies some very interesting "Workmen's Reflections" on the subject. He believes that "there are not less than 50,000 families, or in round numbers a population of 250,000 souls, within the metropolitan area for whom new accommodation is required." He, however, sturdily objects to State interference in the matter beyond Government aid to secure sites, and perhaps further Government loans to the Peabody Trust. Finally, Lord Shaftesbury gathers up the lesson incidentally taught in the other three papers in an article on "The Mischief of State Aid," wherein he shows the terrible danger of pauperisation that would ensue.

The essays of which brief abstracts have been given are all by able and some by very eminent men. They have appeared in the leading periodicals of the day, and have necessarily attracted much attention. In some, especially the early ones, the horrors of the London dwellings of the very poor have been described in terms to call forth much public sympathy, and the number of persons said to be living in houses totally unfit for human habitation in London has been asserted to be not less than 250,000. An extended application of the Torrens and Sir R. Cross's Acts has been strongly urged, whilst the difficulties of carrying out the Acts under present circumstances have also been strongly insisted upon. Later in the discussion the Marquis of Salisbury urged not only the carrying out more extensively than hitherto of the Acts, but also suggested that Government loans at a low rate of interest should be

made to public authorities to enable the latter to carry out the work expeditiously. Following on these were articles by writers who went over much of the same ground, but called special attention to the apparent injustice of the whole of the incidence of taxation that might be necessitated by the extended adoption of the Acts falling on the occupiers of property alone, whilst land and other kinds of real property likely to be benefited by the improvements to be effected entirely escaped taxation, contributing, as the writers assert, nothing to the cost, and requiring that real property should not only pay its fair share of these costs, but, as urged by some of the writers, nearly the whole of it. Lastly, in the present month, Mr. Chamberlain, in the *Fortnightly Review*, recommends that the owners of insanitary property should be punished by heavy fines and other penalties for letting houses in an unsanitary condition and unfit for human occupation.

Concurrently with this essay in the *Nineteenth Century* are articles by the veteran Earl of Shaftesbury and Miss Octavia Hill, deprecating in the strongest terms all State interference.

In the face of these articles and of these different opinions, and under circumstances totally different to those affecting the London industrial population, having, moreover, much sanitary work of another kind to complete, it may be that the Health Committee may think that they have done not unwisely in waiting for and watching for the development of the scheme for the improvement of labourers' dwellings.

The only property outside London which has been dealt with under these Acts which may appear to afford an example to Manchester has been in Birmingham, but it may be truly said that years before the movement in Birmingham a much larger area of insanitary property, and similarly situated in relation to the centre of the city, in Manchester has been removed under local acts and the inhabitants sent to live in more healthy dwellings. We may more especially cite the area lying between Market Street and Long Millgate.

The first programme of the Health Committee has been nearly completed, and with results which are certainly regarded by the Committee as satisfactory. The city is in a very different state to that which they found at the commencement of their operations. Nevertheless, the time has now arrived for a new departure, and no more important subjects can engage the attention of the Committee during the present municipal year than those of labourers' dwellings, hospital accommodation for infectious diseases of children, and the smoke nuisance.

Before proceeding to discuss the remedies for the present unsatisfactory housing of the poor, both as prescribed by Act of Parliament and urged in speeches and magazine articles, it is perhaps only fair to point out in what respect Manchester differs from almost all other towns, and that is in the character of its population. Dividing the day population of the city into four classes, it will be found that the whole of the first class, constituting the most wealthy and well-to-do persons engaged in the city, namely, merchants, the more wealthy shopkeepers, and all of that class, except a few clergymen and medical men, live entirely outside the boundaries; and, though their death-rate is low, they assist in no degree in lowering the general death-rate of the city. Their residences are in Higher Broughton, Kersal, Prestwich, Bowdon, Dunham, Knutsford, Alderley, Didsbury, Fallowfield, Whalley Range, and districts of a similar character. The second class, including many shopkeepers, persons engaged in a small way of business, superior employés, and generally such persons as constitute the middle class of Manchester society, live also outside the city boundary, and their residences are to be found in Lower Broughton, Stretford, Sale, Moss Side, Rusholme, Longsight, Harpurhey, and various other places. It will be thus seen that the inhabitants of Manchester are mainly composed of artizans, skilled labourers, factory hands, and the class below them constituting the third and fourth classes. The rate of mortality in these classes is high everywhere, and in Manchester they are relieved only by a few professional men and persons who live in their own places of business. So important a distinction is this, when comparing Manchester with other large towns, that it should never be overlooked in any estimation of the death-rate, and especially should the fact be borne in mind that very many of the mothers of families are engaged in out-door occupation in various factories, workshops, &c., and where this is the case the death-rate of children is always high. Indeed, the relative infant mortality was never so low in Manchester in recent years as during the cotton famine.

As already stated, the population of the city of Manchester is mainly, nay, almost entirely, composed of the wage-earning classes, with a certain residuum below them of persons whose means of living is doubtful, and perhaps always precarious. Nearly the whole of Hulme, Ancoats, St. George's, Rochdale Road, except in the upper part near Harpurhey, where there are a few good houses, the lower part of Cheetham, much of Ardwick and Chorlton-on-Medlock, and the whole centre of the city, with very small exceptions, is covered with cottage houses. In this

Beswick ought to be included. The few houses of a better class are situated in Ardwick, Chorlton-upon-Medlock, and the upper part of Cheetham. Now, the mortality of the working classes, wherever situated, is nearly always high. I doubt whether it is higher in Manchester than amongst a similar class in other manufacturing towns, unless it may be that from the out-door employment of the women, and the consequent neglect of young children, the infant mortality may be proportionately too high. Intemperance in the lowest classes is a very fertile cause of infant mortality. Unfortunately, the habits of intemperance in the women of this day of a low class is fostered by the extreme facility of indulgence. There is, no doubt, action and reaction. Drunkenness is a cause of wretched homes, dirty, miserable, and unwholesome; and, on the other hand, these very surroundings drive the occupants from the comfortless home to the glaring attractions of the dramshop, or to the comfortable fire and social attractions of the public-house. Still, the evil exists; and, as we cannot or will not lessen the number of the public-houses, we must try to amend the dwellings. For the respectable working class, whether mechanics, artizans, clerks, or an industrious population of any description, this would seem in Manchester to be attended with but little difficulty. The area of the city is not so large as to make any portion of it so distant from the centre as to be of considerable inconvenience to any workman in traversing the distance. And as there is a large number of unoccupied houses, some of very recent construction—indeed, three-fourths of them—it would seem to be almost useless to erect special dwellings of a peculiar construction, in the manner of the block or barrack buildings erected in London and some other towns for the accommodation of the better portion of the working class, when houses of a kind they much prefer already exist in the healthiest part of the city, unoccupied. The outer zone, coloured blue on the map, in 1881 had 3,196 unoccupied houses, sufficient to accommodate nearly 16,000 persons. Within the yellow zone of the map, intermediate between the central area of the city and the outer zone, there were 1,147 unoccupied houses of an older construction. Including 274 unoccupied houses in the central area, coloured red on the map, there were in 1881 not less than 4,617 unoccupied houses in Manchester capable of being put into repair and occupied. The transference to these from unhealthy sites or dwellings of any families would not at first sight appear to be a considerable hardship; and, at any rate, whilst such houses exist it can scarcely be necessary to go to an enormous expense in the construction of vertical dwellings for this class. So far as this class is concerned, therefore, the course I

would recommend would be one of simple displacement. If a working man's family occupy an unhealthy house, close the house and let him seek a fresh residence amongst the healthier unoccupied houses already spoken of.

It is a matter of regret that the building bye-laws have permitted the construction of many houses so flimsily built in all the newer parts of the city that it is impossible to look with any complacency at the prospect they afford of the highest attainable health otherwise possible in the localities. They are damp, the walls being very thin and built upon the bare ground, instead of upon flags or concrete, or any dry basement; the mortar is little better than mud, the bricks porous and of the most inferior quality. Still, they are ranged along wide streets, well paved, drained, and frequently swept; there is a space of 24 feet between the backs of the houses, the passages are 5 feet wide, and to every house there is a yard covering not less than 70 square feet, and a separate closet. They will serve for their time, but will probably all come to grief within a few years.

On the destruction of the houses, all old, and many of them of three stories, to prepare a site for the Central Railway Station, a large number of persons were displaced, and soon afterwards two or three of the sanitary districts in the upper part of St. George's Registration District began to show an increased rate of mortality. This led to a house-to-house visitation, for there was no epidemic at the time, nor apparent reason why the mortality should be of higher rate than usual, or higher than in neighbouring sanitary districts. It was ascertained that a considerable number of persons who had been displaced from some of the worst streets of Deansgate by the operations for the Central Station had migrated to these sanitary districts, carrying, of course, with them their bad habits and deteriorated health. They had been led to these localities by the fact that a number of houses had long been empty, and were obtainable at low rents. They raised the rate of mortality of the districts, but, benefiting by the change, had lowered their own. This is simply an illustration of the fact that people would be placed under better sanitary conditions by mere removal to another part of the city. It is somewhat more difficult to deal with the residuum. People earning very small weekly wages can only afford very low rents, and it is difficult to see how these people can find accommodation, except in tenement houses, where one or two rooms only could they afford to occupy. It is possible that for these houses of the class of the Peabody Buildings, but cheaper, might be a great desideratum,

but it is doubtful whether they could be constructed to pay a reasonable interest on the outlay. Nevertheless, it is possible that they might be better housed by the simple displacement of the class above them. Though the demolition of houses within the central area during the last five years has amounted to less than 400, there can be little doubt that upon any improvement of trade the destruction of some of the worst houses in the city would go on with accelerated rapidity from the mere requirements of commerce. Within the last three or four years the death-rate of the city, though subject to some fluctuations, has not materially diminished. For several years a marked diminution took place, following the operations of the Health Committee, but the full effect seemed to have been realised at the commencement of the period spoken of. As there were some special circumstances in the seasons which exalted the death-rate, from special causes, the Committee were desirous to wait and see whether the reduction of the death-rate in the first ten or twelve years would be kept up in an increasing ratio. The experience of the last two or three years, however, has shown that something further must be done. It is true that the deaths of children from preventable diseases, notably from whooping cough, measles, and scarlet fever, largely helps to keep up the death-rate, and for these special provisions should be made.

The Health Committee of the present time is largely composed of new elements, who are, I believe, as earnestly resolved to carry out what may be for the benefit of their poorer brethren as were their predecessors, and are anxious to address themselves at once to the question of the artizans and labourers' dwellings.

My recommendations to the Committee will be based on personal knowledge of the houses in which the poor dwell in this great commercial city.

Firstly, I must recommend that all the worst houses in the city be absolutely closed; and by the worst houses I mean all such as are declared by the Officer of Health to be unfit for human habitation.

Secondly, That any houses found to be in a dilapidated condition, but capable of being made fit for habitation, shall be put into repair and brought into an ordinary wholesome condition; and that after due notice to the owner, if not put into repair within a specified time, that they be closed.

Thirdly, That all tenement houses be carefully inspected, and that it be required of the owner or lessor of the tenements to keep them individually in a clean, ventilated, and wholesome state.

Fourthly, That it be specially considered by the Committee whether—in situations where land is cheap, and the considerations of employment on the part of residents urgent, and the dwellings apparently incapable of improvement—it may be desirable to erect blocks of buildings on some of the plans which have been found to answer elsewhere.

Fifthly, That all closed or partially closed courts be partially or entirely opened, with due consideration to the owners of the premises to be removed.

Sixthly, Whether, looking to the cost of land within the city, it may not be desirable, should greater requirements for dwellings of the working classes arise, to erect suburban dwellings, in the form of workmen's villages or otherwise, on land which can be obtained at a comparatively low rate within a moderate distance of the city. The rental of such houses and the cost of transit would probably be not more than is now paid in the city for very inferior dwellings.

It is difficult to see how the latter could be properly provided out of the rates of the city, and it is to be regretted that a spirit of humanitarian enterprise does not prompt some of those who have made large fortunes in the city, or derived large incomes from its growth, to subscribe a fund, which might probably be remunerative, for the erection of such dwellings, which would add to the health and comfort of what is really the most important class of the community, and which might be a good investment. The Marquis of Salisbury has pointed out that the rent of a wretched and unwholesome dwelling in a town would pay for a comfortable cottage and a sixth of an acre of land in the country where land was charged £300 an acre. There is plenty of land at no great distance from the city boundary where no villas or good houses are likely to be erected, and which, no doubt, could be had for workmen's villages.

The Officer of Health cannot but express his disappointment that a movement which he inaugurated some years ago, by which any working man earning moderate wages might obtain for himself an excellent and wholesome dwelling, to become his own in about 13 years for the rent he ordinarily pays for a miserable and unwholesome residence, has not been more vigorously and energetically carried out.

Ancoats is a district requiring, I think, distinct and special consideration. Though a part of the old township of Manchester, it is really a somewhat outlying portion of the city, and has received but scant justice. Its boundaries are Oldham Road, Great Ancoats Street, the river Medlock, and the city boundary. It is a compact block of cottage houses, most of them of the meanest character, housing some 48,000 of the most industrious people in the world. It covers an area of 360 acres, and has in portions a very dense population. I believe there is very little of a vicious or criminal population such as haunts the purlieus of Charter Street and Deansgate. The oldest outlying district of Manchester, it must, for very many years, have contributed largely by its mills and manufactories to the rates of the town and city. The consumption of gas must have always been absolutely, and at one time relatively, very large. With the population of a considerable town, grouped together as no equal population in any part of the kingdom probably is grouped, it has not a single great thoroughfare traversing its length. With a population outside it equal to that of a large city, it has not a single road or street enabling that vast population to communicate in a fairly straight line with the city with which its business chiefly lies. A series of zigzags, along narrow streets, form its avenues to the city. Every year adds to its dismal character, and lessens the enjoyments of its inhabitants. I remember the time when the Medlock rippled along its border, its banks clothed with trees and shrubs, a picturesque stream along which the weary worker might stroll with pleasure; now, black and polluted, it pursues its sullen course between walls of brick and stone, receiving at every few yards tributes which take the gladness from its waters. Even the Philips Park, munificently formed on a beautiful site for the delight of the people of Ancoats, with difficulty sustains a shrub or tree to show its original purpose. Till the smoke nuisance be abolished, and the chemical exhalations absorbed, it is hopeless to look for the enjoyment of a park. Wide thoroughfares affording plenty of ventilation, and amended building bye-laws to secure a better class of cottages to replace any pulled down by the course of improvement, are the changes to which Ancoats must look for the amelioration of its condition.

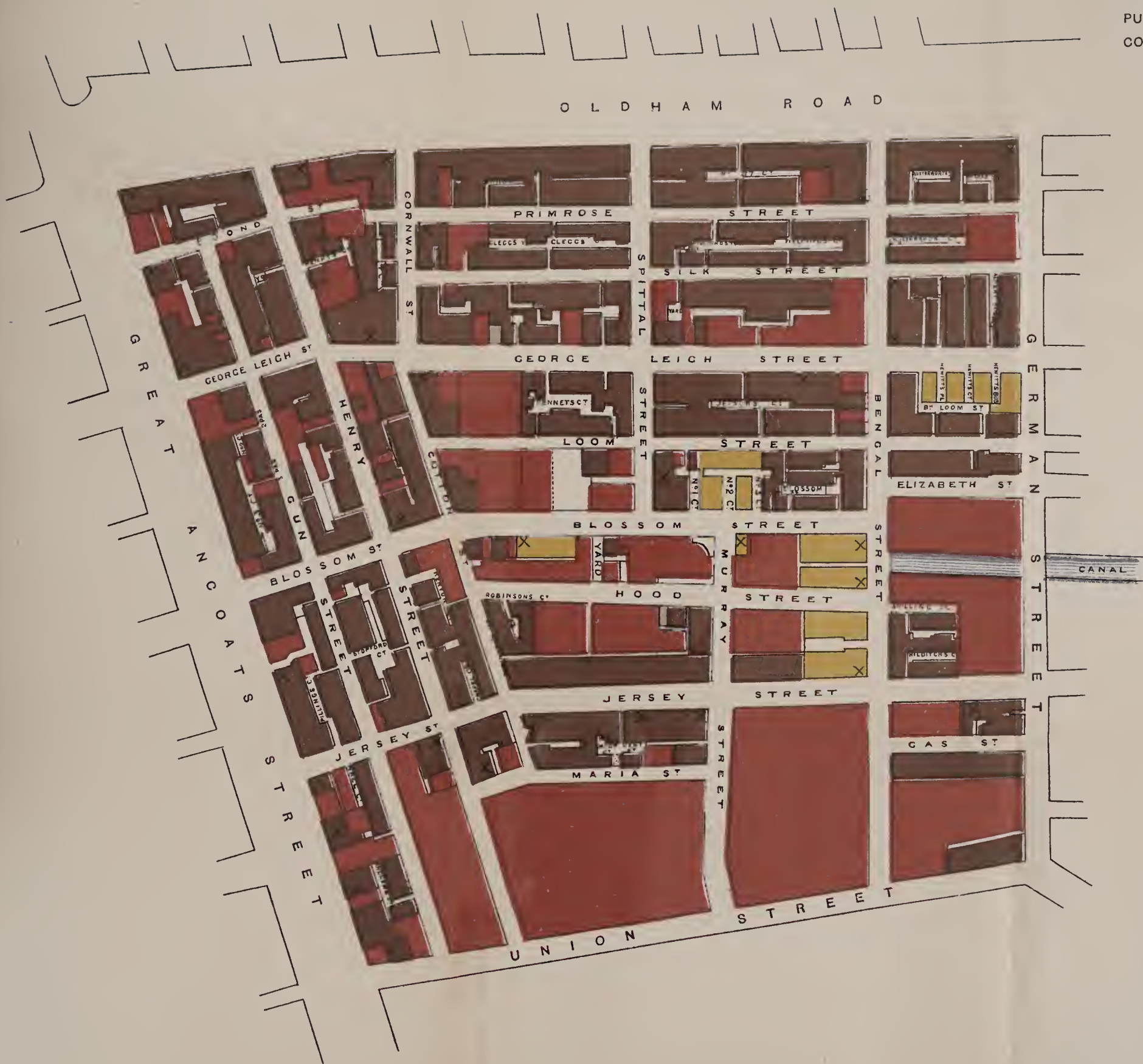
JOHN LEIGH.

REGISTRATION SUB-DISTRICT
ANCOATS.

SANITARY DISTRICT NO. 1.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

- HOUSES BUILT BEFORE 1830
 " " " 1850
 PUBLIC BUILDINGS, WAREHOUSES, &c.
 PUBLIC HOUSES
 CONDEMNED HOUSES



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 1

BOUNDARIES

Great Ancoats Street	German Street
Oldham Street	Union Street

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 1 SANITARY DISTRICT

Number 1	Number 8
„ 2	„ 9
„ 3	„ 10
„ 4	„ 11
„ 7	„ 12 (one half)

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 1 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING FROM GREAT ANCOATS STREET TO GERMAN STREET :—

Oldham Road	Wolstencroft's Court, Henry Street
Great Ancoats Street	Parker's Court
Union Street	Rollinson's Court
Pickford Street	Penketh's Court, Primrose Street
Andrew's Court, Pickford Street	No. 4 Court, Cornwall Street
Hall's Court, Jersey Street	Cornwall Street
Jersey Street	Henry's Court, Henry Street
Pilling's Court, Jersey Street	Kenyon's Court
Gun Street	Rainforth's Court
Stopford's Court, Gun Street	Maria Street
Shepherd's Court	Fletcher's Entry, Cotton Street
Blossom Street	Cotton Street
No. 3 Passage, Gun Street	Chapel Court, Jersey Street
No. 2 Passage, Gun Street	Robinson's Yard, Cotton Street
No. 4 Passage, Gun Street	Court behind 36 Cotton Street
George Leigh Street	Hood Street
No. 1 Court, Silk Street	Robinson's Court, Hood Street
Boond Street	Loom Street
Court behind 13 Boond Street	Hilton's Court, Cornwall Street
Henry Street	Primrose Street

Spittal Street
 Butterworth's Buildings, Primrose
 Street
 Aspinwall's Court, Spittal Street
 Clegg's Yard
 Clegg's Court, Primrose Street
 Silk Street
 Silk Court, Silk Street
 Sutcliffe's Court
 Walker's Court, Silk Street
 Walker's Court, George Leigh Street
 Bennett's Court
 Cowell's Court
 No. 1 Passage, Loom Street
 Murray Street, Blossom Street
 Monk's Court, Maria Street
 Kent's Court, Murray Street
 Johnson's Court, Jersey Street
 Gas Street
 Shilling Place, Bengal Street
 Court behind 85 Blossom Street
 Blossom Court, Blossom Street
 No. 3 Court, Blossom Street
 No. 2 Court, Blossom Street

No. 1 Court, Blossom Street
 Jepson's Court, George Leigh Street
 No. 2 Passage, Loom Street
 Fielden's Yard, Primrose Street
 No. 27 Court, Primrose Street
 Hilditch's Court, Jersey Street
 Elizabeth Street, German Street
 Back Loom Street
 Hewitt's Place, George Leigh Street
 Hewitt's Court
 Hewitt's Buildings
 Albert Buildings No. 3, George Leigh
 Street
 Albert Buildings No. 2, George Leigh
 Street
 Albert Buildings No. 1, George Leigh
 Street
 Wellington Court
 Gerrard's Court, Bengal Street
 Bengal Street
 M'Kee's Buildings, Primrose Street
 Butterworth's Court
 German Street

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Oldham Road	102	0	Hood Street.....	28	9
Great Ancoats Street	100	0	Clegg's Yard, Primrose Street	24	10
George Leigh Street.....	35	0	Stopford's Court, Gun Street	24	0
Elizabeth Street, German			Gun Street	21	0
Street	32	6	Fielden's Yard, Primrose		
German Street	31	0	Street	20	8
Murray Street, Jersey Street	30	6	Jepson's Court, George		
Union Street	30	2	Leigh Street.....	20	0
Bengal Street	30	0	Blossom Court, Blossom		
Cornwall Street	30	0	Street	18	2
Henry Street	30	0	Gas Street.....	18	0
Spittal Street	30	0	Monk's Court, Maria Street	18	0
Blossom Street.....	29	10	Walker's Court, George		
Maria Street.....	29	10	Leigh Street.....	18	0
Jersey Street	29	3	Shilling Place, Bengal Street	17	10

	ft.	in.		ft.	in.
Loom Street.....	17	9	Rollinson's Court, Henry		
Primrose Street.....	17	8	Street	10	6
Cotton Street	17	6	No. 2 Passage, Gun Street	10	4
Court behind 13 Boond			Butterworth's Court, Prim-		
Street	17	6	rose Street	10	2
Maria Street.....	17	6	Back Loom Street, Loom		
Silk Street	17	6	Street	10	0
Bennett's Court, George			Albert Buildings No. 1 ...	9	6
Leigh Street.....	17	4	Albert Buildings No. 2 ...	9	5
Boond Street	17	4	Hilton's Court, Cornwall		
Pickford Street.....	17	4	Street	9	5
No. 2 Court, Blossom Street	17	0	Chapel Street, Jersey Street	9	4
Clegg's Court, Primrose			Johnson's Court, Jersey		
Street	16	0	Street	9	4
Rollinson's Court, Henry			Rainforth's Court.....	9	0
Street	16	0	No. 3 Court, Blossom Street	9	0
Hewitt's Buildings	15	4	Robinson's Court, Hood		
Hewitt's Court.....	15	0	Street	9	0
Hewitt's Place	15	0	Sutcliffe's Court, Silk Street	9	0
Shepherd's Court, Gun Street	14	9	Butterworth's Buildings ...	8	4
Cowell's Court, George			M'Kee's Buildings, Prim-		
Leigh Street.....	14	6	rose Street	8	4
M'Kee's Buildings, Prim-			Wolstencroft's Court, Henry		
rose Street	14	5	Street	7	6
No. 27 Court, Primrose			Court behind 36 Cotton		
Street	14	0	Street	7	4
Gerrard's Court, Bengal			No. 27 Court, Primrose		
Street	13	10	Street	7	2
Kenyon's Court	13	0	No. 3 Passage, Gun Street	6	8
No. 1 Passage, Loom Street	12	6	Wellington Court, George		
No. 4 Court, Cornwall Street	12	1	Leigh Street.....	6	6
No. 1 Court, Blossom Street	11	10	Pilling's Court, Gun Street	6	4
Henry's Court, Henry Street	11	9	No. 1 Court, Silk Street ...	6	3
Hilditch's Court, Jersey			Hall's Court, Jersey Street	6	2
Street	11	2	Fletcher's Entry, Cotton		
Walker's Court, Silk Street	11	2	Street	6	0
Parker's Court, Henry Street	10	10	Pilling's Court, Gun Street	5	9
Andrew's Court, Pickford			No. 3 Court, Blossom Street	5	8
Street	10	9	Kent's Court, Murray Street	5	0
Albert Buildings No. 2 ...	10	7	Silk Court, Silk Street ...	5	0
Court back of 85 Blossom			Penketh's Court, Primrose		
Street	10	6	Street	4	10

	ft.	in.		ft.	in.
Wolstencroft's Court, Henry			Passage, Pilling's Court ...	3	6
Street	4	4	Aspinwall's Court, Spittal		
No. 3 Passage, Gun Street	4	3	Street	3	0
No. 4 Court, Cornwall Street	4	2	Passage, Pilling's Court ...	2	10
Wellington Court, George			Court behind 36 Cotton		
Leigh Street.....	4	2	Street	2	9
Robinson's Yard, Cotton			Court behind 13 Boond		
Street	4	1	Street	2	8
No. 2 Passage, Gun Street	4	0	Rainforth's Court	2	6
No. 2 Passage, Loom Street	3	6			

THE STREETS ARRANGED ALPHABETICALLY

Albert Buildings No. 1, George	George Leigh Street
Leigh Street	German Street
Albert Buildings No. 2, George	Gerrard's Court, Bengal Street
Leigh Street	Great Ancoats Street
Albert Buildings No. 3, George	Gun Street
Leigh Street	Hall's Court, Jersey Street
Andrew's Court, Pickford Street	Henry's Court, Henry Street
Aspinwall's Court, Spittal Street	Henry Street
Back Loom Street	Hewitt's Buildings
Bengal Street	Hewitt's Court
Bennett's Court, George Leigh Street	Hewitt's Place, George Leigh Street
Blossom Court, Blossom Street	Hilditch's Court, Jersey Street
Blossom Street	Hilton's Court, Cornwall Street
Boond Street	Hood Street
Butterworth's Buildings, Primrose	Jepson's Court, George Leigh Street
Street	Jersey Street
Butterworth's Court, Primrose Street	Johnson's Court, Jersey Street
Chapel Court, Jersey Street	Kent's Court, Murray Street
Clegg's Court, Primrose Street	Kenyon's Court, Henry Street
Clegg's Yard, Primrose Street	Loom Street
Cornwall Street	M'Kee's Buildings, Primrose Street
Cotton Street	Maria Street
Court behind 85 Blossom Street	Monk's Court, Maria Street
Court behind 13 Boond Street	Murray Street, Blossom Street
Court behind 36 Cotton Street	No. 1 Court, Blossom Street
Cowell's Court, George Leigh Street	No. 2 Court, Blossom Street
Elizabeth Street, German Street	No. 3 Court, Blossom Street
Fielden's Yard, Primrose Street	No. 4 Court, Cornwall Street
Fletcher's Entry, Cotton Street	No. 27 Court, Primrose Street
Gas Street	No. 1 Court, Silk Street

No. 2 Passage, Gun Street	Rollinson's Court, Henry Street
No. 3 Passage, Gun Street	Shepherd's Court, Gun Street
No. 4 Passage, Gun Street	Shilling Place, Bengal Street
No. 1 Passage, Loom Street	Silk Court, Silk Street
No. 2 Passage, Loom Street	Silk Street
Oldham Road	Spittal Street
Parker's Court, Henry Street	Stopford's Court, Gun Street
Penketh's Court, Primrose Street	Sutcliffe's Court, Silk Street
Pickford Street	Union Street
Pilling's Court, Jersey Street	Walker's Court, George Leigh Street
Primrose Street	Walker's Court, Silk Street
Rainforth's Court, Henry Street	Wellington Court, George Leigh Street
Robinson's Court, Hood Street	
Robinson's Yard, Cotton Street	Wolstencroft's Court, Henry Street

ALTITUDES ABOVE THE SEA LEVEL.

		ft.	in.
Bolt mark corner of	German Street and Oldham Road	168	9
"	" Bengal Street and Union Street	167	7
"	" George Leigh Street and Bengal Street.....	167	5
"	" Bengal Street and Oldham Road.....	167	3
"	" Bengal Street and Blossom Street	166	7
"	" George Leigh Street and German Street.....	166	7
"	" Union Street and Great Ancoats Street	166	3
"	" Jersey Street and Murray Street.....	166	1
"	" Maria Street and Cotton Street	166	1
"	" Cotton Street and Union Street	166	0
"	" George Leigh Street and Spittal Street	165	9
"	" Henry Street and Union Street	165	9
"	" Great Ancoats Street and Jersey Street	165	8
"	" Jersey Street and Cotton Street	165	8
"	" Murray Street and Blossom Street	165	8
"	" Cotton Street and Blossom Street	165	5
"	" Henry Street and Jersey Street	165	5
"	" Jersey Street and Bengal Street	165	5
"	" Pickford Street and Union Street	165	3
"	" Henry Street and Blossom Street	165	2
"	" George Leigh Street and Cornwall Street ...	164	3
"	" Henry Street and George Leigh Street	164	1
"	" Primrose Street and Cornwall Street	164	0
"	" German Street and Jersey Street	163	9
"	" Cornwall Street and Oldham Road.....	163	5
"	" Henry Street and Oldham Road.....	163	5
"	" Great Ancoats Street and Blossom Street ...	163	4
"	" Great Ancoats Street and George Leigh Street	162	0
"	" Great Ancoats Street and Oldham Road.....	161	9

PLACES OF WORSHIP

St. Peter's, Church of England	Blossom Street
St. Michael's, Catholic Church	George Leigh Street
St. Martin's, Church of England	German Street

SCHOOLS

St. Michael's, Catholic, Day and Sunday	George Leigh Street
St. Peter's, Church of England, Day and Sunday..	Bengal Street

WORKS

Cosgrove & Co., Chair and Sofa Works.....	Gun Street
W. Hadwen & Co., Works.....	Blossom Street
McConnell & Co., Cotton Mills	Union Street
W. Oxley & Co., Candlewick Works	Gun Street
A. & G. Murray Limited, Cotton Mills.....	Murray Street
Wm. Prescott, Saw Mills	Murray Street
Rothwell & Daniels, Wheelwrights	Hood Street
E. Lambert, Screw Bolt Works	Hood Street
Wm. Utting, Brass Foundry	Hood Street
T. Daniels, Tin Works	Spittal Street
Rowland & Archer, Tarpaulin Works	Blossom Street
Gault, Beggs, & Co., Smallware Mill.....	Bengal Street
F. A. Fitton, Spindle Works	Bengal Street
Alderman Lamb, Bee Hive Mill.....	Jersey Street
Barrett & Co., Cabinet Works	Elizabeth Street
Joseph Hartley, File Works	German Street
C. Rowley & Co., Carvers and Gilders ..	Boond Street
J. McDonough, Cabinet Maker	Henry Street

WAREHOUSES

A. Cleasby, Waste Warehouse	Spittal Street
J. Tweedale, Bag Warehouse	Spittal Street
John Jackson, Waste Warehouse	Primrose Street
John Devine, Waste Warehouse	Henry Street

SEWERS

The subsoil underlying the district is of two kinds, the north-eastern half being clay and the south-western half gravel. Beneath these are the Openshaw, Charlotte, and other coal seams and rocks.

The district is nearly level, the highest point being the corner of German Street and Oldham Road, being 7ft. higher than the lowest point at the corner of Great Ancoats Street and Oldham Road. All the sewers run either into the Oldham Road sewer or into the Great Ancoats Street sewer. The latter receives the flow from Boond Street, George Leigh Street, and Blossom Street, with their tributaries from Gun Street, Henry Street, Cotton Street, Spittal

Street, and German Street. The Oldham Road sewer receives the flow from Bengal Street, with its tributaries from Jersey Street, German Street, and Gas Street. //

On account of the near level of the district the sewers require, and have, a good fall (artificially), all entering into the Swan Street sewer, and from thence into the river Irk.

HOUSES

Nearly the whole of the houses in the district were built before the year 1830.

There are a great number of back-to-back houses in all parts of the district.

The width of the streets ranges from 30ft. to 4ft., the greater number of them being 16ft. or 17ft. wide. The passages vary in width, and are only 2ft. 6in. wide in some instances; in many cases the backs of the houses are too near to each other.

The streets are for the most part paved and sewered. The houses, as a rule, are without cellars, and have no ventilating spaces under the floors. They rise directly from the ground; the outside walls are 9in. thick, and the inside walls are 4½in. or 3in. thick. They smell fusty; the ceilings of some are only 6ft. from the floor; the timber in many is in a state of decay. Houses in such a condition, and so erected, cannot be otherwise than damp. The absence of any provision to prevent the moisture of the ground rising into the walls and the thinness of the latter affording so little defence against rain, the interior can seldom or never be as dry as a house should be. From the want of sub-jacent ventilation any emanation from the soil must find immediate vent into the houses.

The number of houses in this sanitary district, as shown by the Overseers' books for 1881, was 1,221, of which 67 were unoccupied, leaving 1,154 as inhabited houses.

POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was.....	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 1 Sanitary District contained, according to the Overseers' books for the current year, 1,154 inhabited houses, this multiplied by 5·01 will give the number of inhabitants ...	5,781
Multiplied by 4·93 the number will be	5,689
Multiplied by 4·76 the number will be	5,493
The mean of these three estimates is	5,654

which will tolerably represent the population of the district.

A considerable part of the population obtain a livelihood by playing hurdy-gurdies, or by hawking. With the exception of those dwelling on Oldham Road and Great Ancoats Street nearly all are poor.

MORTALITY

From 27th December, 1880, to 24th December, 1881, the total number of deaths in the district from all causes, in the homes of the people, was 150.

DEATH RATE

According to the population estimated by the average city rate of occupation 150 deaths would give a rate per 1,000 of	25·92
According to the township rate of occupation	26·36
According to the registration sub-district rate.....	27·30
The mean of these three estimates of population	26·52

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 27...	24, Primrose Street	M...	42 years.....	Bricklayer	Hemiplegia
1881					
Jan. 4...	13, Boond Street	M...	1 year	F City fire brigade ...	Dentition
,, 19...	27, Silk Street	F ..	68 years.....	Widow	Aeute bronchitis
,, 21...	64, Oldham Road.....	F ...	58 years.....	Greengroeer	Bronchitis
,, 21...	29, Henry's Court.....	F ...	43 years.....	Cotton carder	Pneumonia
,, 22...	75, Jersey Street	M...	44 years.....	Carriers' porter.....	Chronic bronchitis
,, 26...	2, Adam's Court	F ...	49 years.....	Weaver	Natural causes
,, 27..	62, Oldham Road.....	M...	76 years.....	Cotton mill manager	Paraplegia
,, 28...	13, Maria Street	M...	76 years.....	Joiner	Senile decay
,, 29...	5, Bennett's Court	M...	46 years.....	Cottonmill hoistman	Phthisis
Feb. 1...	77, Silk Street	F ...	73 years.....	Widow	Natural causes
,, 3...	94, George Leigh Street	F ...	69 years.....	Widow	Chronic gastritis
,, 5...	41, Spittal Street	F ...	55 years.....	H Carter	Bronchitis
,, 7...	45, Great Aneoats Street.....	M...	56 years.....	Tin-plate worker ...	Disease of spleen
,, 8...	1, Rollinson's Court.....	F ...	57 years.....	Widow	Bronehitis
,, 9...	8, Albert Buildings	F ...	1 year	M Cotton warper	Do.
,, 10...	27, Cotton Street.....	M...	3 years	F Clothes dealer	Phthisis
,, 11...	40, Loom Street	M...	61 years.....	House painter	Do.
,, 12.	44, Bengal Street.....	F ...	9 months ...	F Pieker maker.....	Hydroeecephalus
,, 14...	26, Oldham Road.....	F ...	30 years.....	H House painter	Cerebral embolism
,, 18...	83, Blossom Street	M...	62 years.....	Maehinestrapmaker	Gangrene of lung
,, 18...	11, Maria Street	M...	56 years.....	Smallware weaver...	Natural causes
,, 22...	30, Gun Street	M...	6 months ...	F Cotton spinner	Convulsions
,, 22...	97, Henry Street	M...	70 years.....	Cricket ball maker..	Paralysis
,, 23...	43, Gun Street	M...	1 week ..	...F Musieian.....	Convulsions
,, 24...	5, Fielden's Court	M...	69 years.....	Joiner.....	Chronic bronchitis
,, 24...	29, Primrose Street	M...	64 years.....	Shoemaker.....	Bronchitis
Mar. 1...	52, Henry Street	F ...	10 months...	F Street pavior.....	Marasmus
,, 4...	52, Blossom Street	M...	24 years.....	Glass maker	Phthisis
,, 4...	9, Pilling's Court	M...	43 years.....	Shoemaker.....	Chronie bronchitis
,, 8...	24, Gas Street	M...	37 years.....	Auctioneer's assist..	Phthisis

SANITARY DISTRICT No. 1—DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 8...	12, Cornwall Street	F	2 months	Fustian cutter	Convulsive fit
" 10...	75, Blossom Street	M	2 months	Plumber	Debility, diarrhoea
" 40...	75, Blossom Street	M	2 months	Plumber	Debility, convulsions
" 11...	43, Great Ancoats Street	M	1 year	Chair maker	Bronchitis
" 12...	78, Blossom Street	M	4 months	Fruiterer	Hydrocephalus
" 19...	55, George Leigh Street	M	6 years	Warehouseman	Morbus coxæ
" 21...	7, Bennett's Court	M	7 months	Mechanic	Cerebritis
" 24...	72, George Leigh Street	M	2 months	Fruiterer	Cerebral congestion
Apl. 2...	19, Fielden's Yard	M	3 days	Slater	Convulsions
" 4...	5, Gun Street	M	1 year	Confectioner	Bronchitis
" 5...	5, Bengal Street	F	59 years	Widow	Pushed down in a quarrel
" 8...	13, Maria Street	M	2 months	French polisher	Convulsions
" 8...	42, Hood Street	M	7 weeks	Jeweller	Bronchitis
" 11...	36, Primrose Street	M	1 year	Vanman	Hydrocephalus
" 19...	29, Henry Street	F	47 years	Tailoress	Natural causes
" 26...	56, Oldham Street	M	12 years	Pawnbroker	Cerebral disease
" 28...	65, Gun Street	F	8 years	Cotton minder	Phthisis
" 29...	37, George Leigh Street	M	1 year	Butcher	Marasmus
" 29...	8, Henry Street	M	11 months	Coal labourer	Bronchitis
May 2...	9, Fielden's Yard	F	4 years	Cotton spinner	Effusion on brain
" 3...	25, Maria Street	M	15 weeks	Labourer	Convulsions
" 5...	2, Cowell's Court	M	13 years	Farrier	Potts' disease
" 7...	108, Oldham Road	M	7 weeks	Brush maker	Syphilis
" 10...	4, Back Loom Street	M	44 years	Market porter	Chronic bronchitis
" 11...	30, Gun Street	F	42 years	Joiner	Do.
" 16...	25, Cotton Street	F	2 weeks	Cabinet maker	Icterus
" 20...	34, German Street	F	6 months	Charcoal burner	Bronchitis
" 20...	14, Stopford's Court	F	37 years	Chair maker	Do.
" 23...	83, Blossom Street	M	35 years	Leather currier	Phthisis
" 24...	2, Hood Street	F	3 years	Sugar boiler	Encephalitis
" 27...	1, Jepson's Court	M	2 weeks	Picture frame maker	Cyanosis
" 31	56, Loom Street	F	1 year	Railway labourer	Encephalitis
" 31...	29, Spittal Street	F	2 years	Wood carver	Convulsions
June 1...	28, Henry Street	F	2 days	Iron moulder	Debility
" 2...	32, Blossom Street	M	51 years	Wheelwright	Bronchitis
" 3...	1, Jepson's Court	F	3 weeks	Picture framemaker	Debility
" 4...	8, Jepson's Court	F	9 months	Bricklayer	Paralysis
" 11...	76, Loom Street	F	37 years	Velvet finisher	Peritonitis
" 14...	8, Loom Street	F	3 weeks	Cotton carder	Congenital syphilis
" 30...	21, George Leigh Street	F	14 days	File grinder	Natural causes
July 2...	12, Spittal Street	F	1 week	Earthenware dealer	Convulsions
" 4...	10, Henry Street	F	1 year	Stonemason	Rubeola
" 4...	24, Boond Street	M	71 years	Cotton stretcher	Apoplexy
" 9...	41, Jersey Street	F	1 day	Machine worker	Premature birth

SANITARY DISTRICT No. 1—DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
July 11...	33, Great Ancoats Street	F	38 years	H Cabinet maker	Bronchitis
„ 11...	13, Boond Street	M	36 years	City fire brigade	Phthisis
„ 12...	46, Primrose Street	F	59 years	H Cabinet maker	Morbus Brightii
„ 12...	54, Jersey Street	M	52 years	Cotton spinner	Phthisis
„ 12...	7, Hewitt's Court	F	6 months	M Braid tenter	Marasmus
„ 16...	40, Henry Street	M	47 years	Clothes dealer	Cardiac disease
„ 16...	2, Loom Street	F	22 years	Blacking maker	Phthisis
„ 18...	12, Loom Street	M	44 years	Iron moulder	Pneumonia
„ 21...	81, Blossom Street	M	57 years	Cotton dyer	Icterus, paralysis
„ 25...	6, George Leigh Street	F	1 day	F Tailor	Convulsions
„ 25...	12, Loom Street	F	6 years	F Moulder	Thrombosis of heart
„ 25...	29, Spittal Street	M	4 months	F Market porter	Diarrhœa
„ 26...	31, Bengal Street	M	10 months	F Cabinet maker	Marasmus
Aug. 1...	7, Parker's Court	F	57 years	H Wood turner	Senile decay
„ 3...	4 Court, Cornwall Street	F	53 years	H Glass worker	Phthisis
„ 4...	27, Bengal Street	F	39 years	Marine store dealer	Carcinoma uteri
„ 8...	101, Great Ancoats Street	M	37 years	Bedding manufactr.	Phrenitis
„ 12...	7, Clegg's Court	M	3 years	F Carter	Tabes
„ 13...	41, Spittal Street	M	6 months	F Musician	Diarrhœa
„ 15...	7, Gerrard's Court	F	2 years	F Glass froster	Do.
„ 16...	26, Gas Street	F	2 months	F Cotton spinner	Spina bifida
„ 18...	92, Silk Street	F	55 years	Cotton winder	Diarrhœa
„ 18...	72, Jersey Street	F	3 months	M Cotton winder	Do.
„ 20...	26, Bengal Street	M	3 weeks	F Iron labourer	Debility
„ 25...	67, Blossom Street	F	42 years	H Spade labourer	Phthisis
„ 27...	4, Blossom Court	F	6 weeks	F Hawker	Convulsions
„ 30...	40, Hood Street	M	8 months	F Baker	Mesenteric disease
„ 31...	43, Gun Street	M	6 months	F Musician	Diarrhœa
„ 31...	12, Gun Street	M	6 months	F Wood carver	Marasmus
Sep. 1...	5, Elizabeth Street	M	10 weeks	F Cotton doubler	Diarrhœa
„ 5...	18, Cornwall Street	M	44 years	Stonemason	Bronchitis
„ 6...	1, Shilling Place	M	1 year	F Carter	Diarrhœa
„ 9...	3, Clegg's Court	F	7 days	F Porter	Convulsions
„ 9...	3, Clegg's Court	F	8 days	F Porter	Do.
„ 10...	37, George Leigh Street	F	70 years	Widow	Natural causes
„ 16...	2, Greenhough's Court	M	3 years	F Labourer	Marasmus
„ 19...	90, Jersey Street	M	4 years	F Cotton overlooker	Cerebral disease
Oct. 3...	85, Jersey Street	F	72 years	H Engine driver	Obstruction of bowels
„ 5...	84, Jersey Street	M	52 years	Glass maker	Bronchitis
„ 10...	7, Clegg's Court	F	4 months	M Servant	Pertussis
„ 12...	61, Loom Street	M	12 weeks	F Cabinet maker	Atrophy
„ 13...	7, Butterworth's Buildings	F	8 years	F Shoemaker	Morbus cordis
„ 17...	75, Silk Street	M	28 years	Porter	Phthisis
„ 25...	28, Bengal Street	F	10 months	F Velvet finisher	Improper feeding

SANITARY DISTRICT NO. 1—DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 28...	6, Loom Street.....	M...	7 months	...F Whitesmith	Marasmus
,, 29...	3 Court, Albert Buildings ...	M...	4 years	.....F Mill hand	Febris rubra
,, 29...	18, Silk Street	M...	4 years	.....F Tailor.....	Pertussis
,, 31...	29, Great Ancoats Street	...F	...62 years.....	H Coffee mill maker...	Cerebral congestion
Nov. 12...	9, Pilling's Court	M...	1 year	.....M Domestic servant ...	Tabes mesenterica
,, 15...	14, Bengal Street	F	...61 years.....	H Club collector	Bronchitis
,, 16...	21, Primrose Street	M...	4 months	...F Labourer	Pneumonia
,, 16...	64, Silk Street	F	...58 years.....	Seamstress.....	Bronchitis
,, 18...	51, Silk Street	M...	1 year	.....F Mill hand	Tabes mesenterica
,, 21...	47, George Leigh Street	F	...8 years.....	F Shoemaker.....	Tubercular meningitis
,, 21...	44, Jersey Street	M...	1 year	.....F Ice cream dealer ...	Rubeola
,, 23...	17, Henry Street	F	...10 years	.....F Tailor.....	Bronchitis
,, 25...	27, Maria Street	M...	1 year	.....F Joiner	Measles
,, 26...	98, George Leigh Street	F	...15 weeks	...F French polisher.....	Syphilis
,, 26...	42, Jersey Street	M...	1 year	.....F Publican.....	Marasmus
,, 27...	20, Cornwall Street	M...	70 years.....	Weaver	Senile decay
,, 30...	78, Blossom Street	F	...1 year	.....F Rag sorter	Bronchitis
,, 30...	13, Boond Street	F	...37 years.....	Mill hand	Phthisis
,, 30...	6, Cotton Street	M...	5 years	.....F Hawker	Bronchitis
Dec. 4...	27, Silk Street	M...	40 years.....	Fustian cutter	Cirrhosis of liver
,, 8...	45, George Leigh Street.....	M...	10 months...	F Slipper finisher.....	Debility
,, 12...	35, Henry Street	F	...3 years	.....F Painter	Scarlatina
,, 14...	92, Silk Street	F	...74 years.....	H Packer	Pneumonia
,, 16...	88, Oldham Road	M...	26 years.....	Saddler	Typhoid
,, 18...	59, Silk Street	M...	28 years.....	Warehouseman.....	Bronchitis
,, 19...	6, Fielden's Yard	F	...2 years	.....F Labourer	Do.
,, 19...	57, George Leigh Street.....	F	...44 years.....	H Mechanic	Uterus hæmorrhage
,, 19...	33, Jersey Street	F	...1 year	.....F Clothes dealer	Marasmus
,, 22...	2, Oldham Street	M...	1 year	.....F Publican.....	Dentition, bronchitis
,, 22...	15, Primrose Street	F	...46 years.....	H Mechanic	Natural causes
,, 24...	53, Gun Street	F	...62 years.....	H Labourer	Senile decay

AGE AT DEATH

All under 1 year	48
„ 2 years	65
„ 3 „	68
„ 4 „	73
„ 5 „	77 = 77
Between 5 and 10 years	6
„ 10 „ 20 „	3
„ 20 „ 30 „	5
„ 30 „ 40 „	10
„ 40 „ 50 „	16
„ 50 „ 60 „	15
„ 60 „ 70 „	9
„ 70 „ 80 „	9
„ 80 „ 90 „	—
Total deaths.....	<u>150</u>

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year	32·00	Under 4 years	48·66
„ 2 years	43·33	„ 5 „	51·33
„ 3 „	45·33		
Between 5 and 10 years.....	4·00	Between 40 and 50 years ...	10·66
„ 10 „ 20 „	2·00	„ 50 „ 60 „ ...	10·00
„ 20 „ 30 „	3·33	„ 60 „ 70 „ ...	6·00
„ 30 „ 40 „	6·66	„ 70 „ 80 „ ...	6·00

DEATHS PER 1,000 of the mean population (5,654) at different ages

Under 1 year	8·48	Under 4 years	12·90
„ 2 years	11·49	„ 5 „	13·63
„ 3 „	12·02		
Between 5 and 10 years.....	1·06	Between 40 and 50 years	2·82
„ 10 „ 20 „	·53	„ 50 „ 60 „	2·65
„ 20 „ 30 „	·88	„ 60 „ 70 „	1·59
„ 30 „ 40 „	1·76	„ 70 „ 80 „	1·59

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 29...	3 Court, Albert Buildings	M...	4 years	F Mill hand	Febris rubra
Dec. 12...	35, Henry Street	F...	3 years	F Painter	Scarlatina

TYPHUS AND TYPHOID FEVER

Dec. 16...	88, Oldham Road	M...	26 years	Saddler	Typhoid
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MEASLES

July 4...	10, Henry Street	F...	1 year	F Stonemason	Rubeola
Nov. 21...	44, Jersey Street	M...	1 year	F Ice cream dealer	Do.
,, 25...	27, Maria Street	M...	1 year	F Joiner	Measles

WHOOPIING COUGH

Oct. 10...	7, Clegg's Court	F...	4 months	M Servant	Pertussis
,, 29...	18, Silk Street	M...	4 years	F Tailor	Do.

DIARRHŒA

Mar. 10...	75, Blossom Street	M...	2 months	F Plumber	Diarrhœa
July 25...	29, Spittal Street	M...	4 months	F Market porter	Do.
Aug. 13...	41, Spittal Street	M...	6 months	F Musician	Do.
,, 15...	7, Gerrard's Court	F...	2 years	F Glass froster	Do.
,, 18...	92, Silk Street	F...	55 years	Cotton winder	Do.
,, 18...	72, Jersey Street	F...	3 months	F Cotton winder	Do.
,, 31...	43, Gun Street	M...	6 months	F Musician	Do.
Sep. 1...	5, Elizabeth Street	M...	10 weeks	F Cotton doubler	Do.
,, 6...	1, Shilling Place	M...	1 year	F Carter	Do.

DISEASES OF THE LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 19...	27, Silk Street	F...	68 years	Widow	Acute bronchitis
,, 21...	64, Oldham Road	F...	58 years	Greengrocer	Bronchitis
,, 21...	29, Henry's Court	F...	43 years	Cotton carder	Pneumonia
Feb. 5...	41, Spittal Street	F...	55 years	H Carter	Bronchitis
,, 8...	1, Rollinson's Court	F...	57 years	Widow	Do.
,, 9...	8, Albert Buildings	F...	1 year	M Cotton warper	Do.
,, 18...	83, Blossom Street	M...	62 years	Strap maker	Gangrene of lungs
,, 24...	29, Primrose Street	M...	64 years	Shoemaker	Bronchitis

CAUSES OF DEATH—continued

DISEASES OF THE LUNGS

PNEUMONIA AND ACUTE BRONCHITIS—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 11...	43, Great Ancoats Street	...M...	1 year	.....F Chair maker	.....Bronchitis
Apl. 4...	5, Gun Street	.....M...	1 year	.....F Confectioner	.....Do.
„ 8...	42, Hood Street	.....M...	7 weeks	.....F Jeweller	.....Do.
„ 29...	8, Henry Street	.....M...	11 months	...F Coal labourer	.....Do.
May 20...	34, German Street	.....F...	6 months	...F Charcoal burner	...Do.
„ 20...	14, Stopford's Court	.....F...	37 years	.....H Chair maker	.....Do.
June 2...	32, Blossom Street	.....M...	51 years	.....Wheelwright	.....Do.
July 11...	33, Great Ancoats Street	...F...	38 years	.....H Cabinet maker	.....Do.
„ 18...	12, Loom Street	.....M...	44 years	.....Iron moulder	.....Pneumonia
Sep. 5...	18, Cornwall Street	.....M...	44 years	.....Stonemason	.....Bronchitis
Oct. 5...	84, Jersey Street	.....M...	52 years	.....Glass blower	.....Do.
Nov. 15...	14, Bengal Street	.....F...	61 years	.....H Collector	.....Do.
„ 16...	21, Primrose Street	.....M...	4 months	...F Labourer	.....Pneumonia
„ 16...	64, Silk Street	.....F...	58 years	.....Seamstress	.....Bronehitis
„ 23...	17, Henry Street	.....F...	10 years	.....F Tailor	.....Do.
„ 30...	78, Blossom Street	.....F...	1 year	.....F Rag sorter	.....Do.
„ 30...	6, Cotton Street	.....M...	5 years	.. ...F Hawker	.....Do.
Dec. 14...	92, Silk Street	.....F...	74 years	.....H Packer	.....Pneumonia
„ 18...	59, Silk Street	.....M...	28 years	.....Warehouseman	.....Bronchitis
„ 19...	6, Fielden's Yard	.....F...	2 years	.....F Labourer	.....Do.

CHRONIC BRONCHITIS

Jan. 22...	75, Jersey Street	.....M...	44 years	.....Porter	.....Chronic bronchitis
Feb. 24...	5, Fielden's Court	.....M...	69 years	.....Joiner	.....Do.
Mar. 4...	9, Pilling Court	.....M...	43 years	.....Shoemaker	.....Do.
May 10...	4, Back Loom Street	.....M...	44 years	.....Market porter	.....Do.
„ 11...	30, Gun Street	.....F...	42 years	.. ...H Joiner	.....Do.

PHTHISIS PULMONALIS

Jan. 29...	5, Bennett's Court	.....M...	46 years	.....Hoistman	.....Phthisis
Feb. 10...	27, Cotton Street	.....M...	3 years	.....F Clothes dealer	.....Do.
„ 11...	40, Loom Street	.....M...	61 years	.....Painter	.....Do.
Mar. 4...	52, Blossom Street	.....M...	24 years	.....Glass blower	.....Do.
„ 8...	24, Gas Street	.....M...	37 years	.....Clerk	.....Do.
Apl. 28...	65, Gun Street	.....F...	8 years	.....F Cotton minder	.....Do.
May 23...	83, Blossom Street	.....M...	35 years	.....Currier	.....Do.
July 11...	13, Boond Street	.....M...	36 years	.....City fire brigade	...Do.
„ 12...	54, Jersey Street	.....M...	52 years	.....Spinner	.....Do.
„ 16..	2, Loom Street	.....F...	22 years	.....Blacking maker	...Do.
Aug. 3...	4 Court, Cornwall Street	...F...	53 years	.....H Glass worker	.....Do.
„ 25...	67, Blossom Street	.....F...	42 years	.. ...H Labourer	.....Do.
Oct. 17...	75, Silk Street	.....M...	28 years	.....Porter	.....Do.
Nov. 30...	13, Boond Street	.....F...	37 years	.....Mill hand	.....Do.

CAUSES OF DEATH—continued

DISEASES OF NERVOUS SYSTEM

CONVULSIONS, HYDROCEPHALUS, MENINGITIS, &c.

CONVULSIONS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Feb. 22...30,	Gun Street	M...	6 months	...F Spinner	Convulsions
„ 23...43,	Gun Street	M...	1 week	.....F Musician	Do.
Mar. 10...75,	Blossom Street	M...	2 months	...F Plumber.....	Do.
Apl. 2...19,	Fielden's Yard	M...	3 days	.....F Slater.....	Do.
„ 8...13,	Maria Street	M...	2 months	...F French polisher ...	Do.
May 31...29,	Spittal Street	F ...	2 years	.....F Wood carver.....	Do.
July 2...12,	Spittal Street	F ...	1 week	.....F Earthenware dealer	Do.
„ 25...6,	George Leigh Street	F ...	1 day	.....F Tailor.....	Do.
Aug. 27...4,	Blossom Court	F ...	6 weeks	.....F Hawker	Do.
Sep. 9...3,	Clegg's Court	F ...	7 days	.....F Porter.....	Do.
„ 9...3,	Clegg's Court	F ...	8 days	.....F Porter.....	Do.

HYDROCEPHALUS

Feb. 12...44,	Bengal Street	F ...	9 months	...F Picker maker.....	Hydrocephalus
Mar. 12...78,	Blossom Street	M...	4 months	...F Fruiterer.....	Do.
Apl. 11...36,	Prinrose Street	M...	1 yearF Vanman	Do.

APOPLEXY

July 4 ..24,	Boond Street	M...	71 years Cotton stretcher	...Apoplexy
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PARALYSIS

Feb. 22...97,	Henry Street	M...	70 years.....	Ball maker.....	Paralysis
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DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION,
WASTING, &c.

Jan. 28...13,	Maria Street	M...	76 years.....	Joiner	Senile decay
Feb. 1...77,	Silk Street	F ...	73 years	... Widow	Natural decay
Mar. 1...52,	Henry Street	F ...	10 months...F	Pavior.....	Marasmus
Apl. 29...37,	George Leigh Street	M...	1 year	.....F Butcher	Do.
June 1...28,	Henry Street	F ...	2 days	.....F Moulder	Debility
„ 3 ..1,	Jepson's Court	F ...	3 weeks.....F	Pictnre frame maker	Do.
July 12. .27,	Hewitt's Court	F ...	6 months	...M Braid tenter	Marasmus
„ 26...31,	Bengal Street	M...	10 months...F	Cabinet maker	Do.
Aug. 1...7,	Parker's Court ...	F ...	57 years.....H	Wood turner	Senile decay
„ 12...7,	Clegg's Court	M...	3 years	.....F Carter.....	Tabes
„ 20...26,	Bengal Street	M	3 weeks.....F	Labourer	Debility
„ 31...12,	Gun Street	M...	6 months	...F Wood carver.....	Marasmus
Sep. 16...2,	Greenhough's Court.....	M...	3 years	.....F Labonrer	Do
Oct. 12...61,	Loom Sireet	M...	12 weeks	...F Cabinet maker	Atrophy
„ 28...6,	Loom Street	M...	7 months	...F Whitesmith	Marasmus

CAUSES OF DEATH—continued

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION,
WASTING, &c.—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Nov. 12...9	Pilling Court	M	1 year	M Domestic servant	Tabes mesenterica
,, 18...51,	Silk Street	M	1 year	M Mill hand	Do.
,, 21...47,	George Leigh Street	F	8 years	F Shoemaker.....	Tubercular meningitis
,, 26 42,	Jersey Street	M	1 year	F Publican.....	Marasmus
,, 27...20,	Cornwall Street	M	70 years.....	Weaver	Senile decay
Dec. 8...45,	George Leigh Street	M	10 months	F Slipper finisher	Debility
,, 19...33,	Jersey Street	F	1 year	F Clothes dealer	Marasmus
,, 24...53,	Gun Street	F	62 years	H Labourer	Senile decay

DISEASES OF HEART

May 27...1,	Jepson's Court	M	2 weeks.....	F Picture frame maker	Cyanosis
July 16...40,	Henry Street	M	47 years.....	Clothes dealer	Cardiac disease
,, 25...12,	Loom Street	F	6 years	F Moulder	Thrombosis of heart
Oct. 13...7,	Butterworth's Buildings	F	8 years	F Shoemaker.....	Morbus cordis

DISEASES OF LIVER, &c.

Feb. 7...45,	Great Ancoats Street.....	M	56 years.....	Tin-plate worker	Disease of spleen
May 16...25,	Cotton Street	F	2 weeks.....	F Cabinet maker	Icterus
July 12...46,	Primrose Street	F	59 years.....	H Cabinet maker	Bright's disease
Dec. 4...27,	Silk Street	M	40 years.....	Fustian cutter	Cirrhosis of liver

DISEASES OF BRAIN

Feb. 14...26,	Oldham Road	F	30 years.....	H Painter	Cerebral embolism
Mar. 21...7,	Bennett's Court	M	7 months	F Mechanic	Cerebritis
,, 24...72,	George Leigh Street	M	2 months	F Fruiterer.....	Cerebral congestion
Apl. 26...56,	Oldham Road	M	12 years.....	F Pawnbroker	Cerebral disease
May 2...9,	Fielden's Yard	F	4 years	M Spinner	Effusion on brain
,, 24...2,	Hood Street	F	3 years	F Sugar boiler	Encephalitis
,, 31...56,	Loom Street	F	1 year	F Railway labourer...	Do.
Aug. 8...101,	Great Ancoats Street	M	37 years.....	Bedding manufactr.	Phrenitis
Sep. 19...90,	Jersey Street	M	4 years	F Overlooker.....	Cerebral disease
Oct. 31...29,	Great Ancoats Street	F	62 years	H Coffee mill maker...	Cerebral congestion

DISEASES OF BOWELS

Feb. 3...94,	George Leigh Street	F	69 years.....	Widow	Chronic gastritis
June 11...76,	Loom Street	F	37 years.....	Velvet finisher	Peritonitis
Oct. 3...85,	Jersey Street	F	72 years.....	H Engine driver	Obstruction of bowels

CAUSES OF DEATH—continued

DISEASES OF SPINE

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Mar. 19...55,	George Leigh Street	M...	6 years	F Warehouseman	Morbus coxæ
Aug. 16...26,	Gas Street	F ...	2 months ...	F Spinner	Spina bifida

DENTITION

Jan. 4...13,	Boond Street	M...	1 year	F City fire brigade ...	Dentition
Dec. 22...2,	Oldham Road	M...	1 year	F Publican.....	Do.

PARALYSIS

1880					
Dec. 27...24,	Primrose Street	M...	42 years.....	Bricklayer.....	Hemiplegia
1881					
Jan. 27...62,	Oldham Road	M...	76 years.....	Cotton manager ...	Paraplegia
June 4...8,	Jepson's Court	F ...	9 months ...	F Bricklayer	Paralysis
July 21...81,	Blossom Street	M...	57 years.....	Cotton dyer	Icterus, paralysis

DISEASE OF JOINTS

May 5...2,	Cowell's Court	M...	13 years.....	F Farrier	Potts' disease
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SYPHILIS

May 7...108,	Oldham Road.....	M...	7 weeks.....	F Brushmaker	Syphilis
June 14...8,	Loom Street	F ...	3 weeks.....	F Cotton carder	Congenital syphilis
Nov. 26...98,	George Leigh Street	F ...	15 weeks ...	F French polisher.....	Syphilis

DISEASES OF WOMB

Aug. 4...27,	Bengal Street	F ...	39 years.....	Marine store dealer.	Carcinoma uteri
Dec. 19...57,	George Leigh Street	F ...	44 years.....	H Mechanic	Uterus hæmorrhage

PREMATURE BIRTHS

July 9...41,	Jersey Street	F ...	1 day	M Machinist	Premature birth
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CORONER'S INQUESTS.

Jan. 26...2,	Adam's Court	F ...	49 years ...	Weaver	Natural causes
Feb. 18...11,	Maria Street	M...	56 years ...	Smallware weaver...	Do.
Mar. 8...12,	Cornwall Street	F ...	2 months ...	F Fustian cutter	Convulsions
Apl. 5...5,	Bengal Street	F ...	59 years ...	Widow	Fall
,, 19...29,	Henry Street	F ...	47 years ...	Tailoress.....	Natural causes
May 3...25,	Maria Street	M ...	15 weeks ...	F Labourer.....	Convulsions
June 30...21,	George Leigh Street.....	F ...	14 days.....	F File grinder	Natural causes
Aug. 30...40,	Hood Street	M ...	8 months ...	F Baker	Mesenteric disease
Sep. 10...37,	George Leigh Street	F ...	70 years ...	Widow	Natural causes
Oct. 25...28,	Bengal Street.....	F ...	10 months...	F Velvet finisher	Exhaustion
Dec. 22...15,	Primrose Street.....	F ...	46 years.....	H Mechanic	Natural causes

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	5·33	Diseases of debility, asthenia,	
Scarlet fever	1·33	atrophy, debility, tabes	
Typhus and typhoid	·66	mesenterica, marasmus,	
Measles	2·00	inanition, wasting, &c. ...	15·33
Whooping cough	1·33	Diseases of heart	2·66
Diarrhoea	6·00	Diseases of liver, &c.	2·66
Diseases of lungs—		Diseases of brain	6·66
Pneumonia and acute bron-		Diseases of bowels	2·00
chitis	18·66	Diseases of spine	1·33
Chronic bronchitis	3·33	Dentition	1·33
Phthisis pulmonalis	9·33	Paralysis	2·66
Diseases of nervous system,		Diseases of joints	·66
convulsions, meningitis,		Syphilis.....	2·00
hydrocephalus, &c.—		Diseases of womb	1·33
Convulsions	7·33	Premature births	·66
Hydrocephalus	2·00	Coroner's inquests.....	7·33
Apoplexy	·66		
Paralysis	·66		

PROPORTION OF DEATHS PER 1,000 *of population (5,654), or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	1·40	Diseases of debility, asthenia,	
Scarlet fever	·35	atrophy, debility, tabes	
Typhus and typhoid	·17	mesenterica, marasmus,	
Measles	·53	inanition, wasting, &c. ...	4·06
Whooping cough	·35	Diseases of heart	·70
Diarrhoea	1·59	Diseases of liver, &c.	·70
Diseases of lungs—		Diseases of brain	1·76
Pneumonia and acute bron-		Diseases of bowels	·53
chitis	4·95	Diseases of spine	·35
Chronic bronchitis.....	·88	Dentition	·35
Phthisis pulmonalis	2·47	Paralysis	·70
Diseases of nervous system,		Diseases of joints	·17
convulsions, meningitis,		Syphilis.....	·53
hydrocephalus, &c.—		Diseases of womb.....	·35
Convulsions	1·94	Premature birth	·17
Hydrocephalus	·53	Coroner's inquests.....	1·94
Apoplexy	·17		
Paralysis	·17		

REGISTRATION SUB-DISTRICT
ANCOATS.

SANITARY DISTRICT NO. 2.

SCALE 8 INCHES = 1/4 OF A MILE.

- HOUSES BUILT BEFORE 1830
- " " " 1850
- " " " 1870
- " " SINCE 1870
- " CONDEMNED
- PUBLIC BUILDINGS, MILLS, WAREHOUSES, &c.
- PUBLIC HOUSES X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 2

BOUNDARIES

Oldham Road	Butler Street
German Street	Rochdale Canal

SANITARY SUB-DISTRICTS INCLUDED WITHIN NO. 2 SANITARY DISTRICT

Number 5	Number 13
„ 6	„ 14
„ 12	„ 15

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

NO. 2 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING FROM GERMAN STREET TOWARDS THE NORTH-EAST

German Street	Rodney Court
Jersey Street	Richmond Street
School Court, German Street	East Newton Street
Poland Street	Wheelhouse Court
Saxon's Court, Poland Street	Taylor's Yard
Mozart Street	Taylor's Court
Prussia Street	Portugal Street
Heath Street	Butler Lane
Heath Court	Kershaw's Court
Back Prussia Street	Butler Street
Rodney Street	Oldham Road
Back Jersey Street	Campbell's Court
Faulkner's Buildings	Whitehead's Buildings
Elizabeth Street, Prussia Street	Cintra Street
William Street	Duke Street
Dusset's Court	Collinge Court
New Butler Street	Butterworth's Buildings
Leigh Street East	Purdon Street
No. 1 Court, Rodney Street	Prussia Street

Harriet Street
 Poland Court
 Poland Street
 M'Intyre's Court
 Elizabeth Street, German Street
 Loom Street
 George Leigh Street
 Chadwick's Court

Adam's Buildings
 Nadin's Court, Silk Street
 Silk Street
 Cinder Street
 Back Portugal Street, Cinder Street
 Smith's Court, Cinder Street
 Cinder Court

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Oldham Road	102	0	No. 1 Court, Rodney Street	19	9
Elizabeth Street, German			Collinge Court.....	18	8
Street	36	6	Back Portugal Street	18	5
George Leigh Street.....	36	3	Portugal Street	18	3
Butler Street	36	0	Loom Street, Prussia Street	17	9
Richmond Street	36	0	Loom Street, German Street	17	4
Jersey Street	35	10	Kershaw's Court	16	9
Leigh Street East.....	35	0	School Court	16	9
Elizabeth Street, Prussia			Smith's Court	16	6
Street	34	10	Butler Lane	16	3
East Newton Street.....	30	2	Cintra Street.....	14	10
Purdon Street	30	2	Duke Street.....	14	10
Mozart Street	30	0	Wheelhouse Court	14	4
Silk Street	30	0	Cinder Court	14	0
German Street	29	10	Cinder Court	13	6
Harriet Street	29	8	Cinder Street	13	6
Prussia Street	29	5	Adam's Buildings.....	13	4
Rodney Street	28	10	Saxon's Court	13	0
Whitehead's Buildings.....	26	2	Campbell's Court.....	12	0
Poland Court	25	0	Chadwick's Court.....	11	4
Heath Street	24	6	Kershaw's Court	10	0
Poland Street	24	6	Back Prussia Street.....	9	9
Back Jersey Street	24	5	Butterworth's Buildings ...	9	8
New Butler Street	24	3	Heath Street (Court)	8	9
William Street	24	1	M'Intyre's Court	8	6
Taylor's Yard	24	0	Nadin's Court	8	4
Rodney Court	22	4	Taylor's Court	8	0
Faulkner's Buildings	21	2	Campbell's Court.....	7	5

THE STREETS ARRANGED ALPHABETICALLY

Adam's Buildings, George Leigh Street	Kershaw's Court, Butler Street
Back Jersey Street	Leigh Street East
Back Portugal Street, Cinder Street	Loom Street, German Street
Back Prussia Street	Loom Street, Prussia Street
Butler Lane	M'Intyre's Court, George Leigh Street
Butler Street	Mozart Street
Butterworth's Buildings, Leigh Street East	Nadin's Court, Silk Street
Campbell's Court, Elizabeth Street	New Butler Street
Chadwick's Court, George Leigh Street	No. 1 Court, Rodney Street
Cinder Court, Cinder Street	Oldham Road
Cinder Street	Poland Court, Poland Street
Cintra Street	Poland Street
Colling Court, Cintra Street	Portugal Street
Duke Street	Prussia Street
Dusset's Court, William Street	Purdon Street
East Newton Street	Richmond Street
Elizabeth Street, German Street	Rodney Court, Rodney Street
Elizabeth Street, Prussia Street	Rodney Street
Faulkner's Buildings	Saxon's Court, Poland Street
George Leigh Street	School Court, German Street
German Street	Silk Street
Harriet Street	Smith's Court, Cinder Street
Heath Court	Taylor's Court, Portugal Street
Heath Street	Taylor's Yard, Portugal Street
Jersey Street	Wheelhouse Court, Richmond Street
	Whitehead's Buildings, Rodney Street
	William Street

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Butler Street and Oldham Road	178	9
„ „ Leigh Street East and Butler Street	177	5
„ „ Butler Street and Elizabeth Street	176	0
„ on Butler Street Bridge	174	3
„ corner of Oldham Road and Prussia Street	173	6
„ „ Leigh Street East and Prussia Street	170	3
„ „ Oldham Road and Poland Street.....	170	3
„ „ Silk Street and Poland Street.....	169	2
„ „ Oldham Road and German Street	168	9
„ „ Elizabeth Street and Prussia Street	168	3
„ „ George Leigh Street and German Street.....	166	7
„ on Bridge in Jersey Street	166	6
„ corner of Jersey Street and Prussia Street.....	166	5
„ „ Jersey Street and Poland Street	164	7
„ „ Jersey Street and German Street	163	9

PLACE OF WORSHIP

St. Barnabas, Church of EnglandRodney Street

SCHOOLS

St. Barnabas, Day and Sunday SchoolElizabeth Street

St. Martin, Sunday School.....German Street

St. Peter's, Ragged SchoolPoland Street

WORKS

Shaw, Jardine, & Co., Cotton Mill.....Butler Street

Edmund Dodson, Cotton Mill.....Elizabeth Street

Armitage & Rigby, Cotton MillRodney Street

Andrew Ker & Co., Glass WorksPrussia Street

James Priest, Furniture StoresPurdon Street

W. G. Bennett, Glass WorksPrussia Street

Jackson & Banks, CooperagePrussia Street

Isaac Kirkham, Stone Merchant.....Jersey Street

Archibald Weir, Screw-bolt Works.....Jersey Street

Charles Thompson, Sand Merchant.....Jersey Street

Dowdney & Campbell, Machine Smiths.....Jersey Street

Percival, Vickers, & Co., Glass WorksJersey Street

H. Patteson and others, MillJersey Street

John Elce & Co., Iron Works.....Jersey Street

Andrew Knowles Limited, Coal Wharf.....Elizabeth Street

Andrew Knowles Limited, Coal Wharf.....German Street

Alexander McDougall, Corn MillPoland Street

Birtles, Tate, & Co., Flint Glass Works.....Poland Street

E. Butterworth, Cabinet Works.....George Leigh Street

Manchester Corporation, Gas Pipe StoresPoland Street

P. and J. McGregor, Machine Makers.....Poland Street

T. Garside, Cotton MillSilk Street

T. Thorpe, Wood Turning WorksGerman Street

SEWERS

The subsoil underlying the district is clay, and beneath this are the Openshaw, Charlotte, and other seams and rocks.

There are five principal sewers in the district—the George Leigh Street sewer, Blossom Street sewer, Jersey Street sewer, Prussia Street sewer, and

the Butler Street sewer. The George Leigh Street sewer receives the flow of part of Portugal Street, Silk Street, Loom Street, and flows down George Leigh Street into the Great Ancoats sewer, from thence along Swan Street into the river Irk. The Blossom Street sewer receives the flow of part of Portugal Street, Poland Street, and Elizabeth Street; as it flows along Bengal Street it crosses the Bengal Street sewer, flows down Blossom Street into the Great Ancoats Street sewer, from thence down Swan Street and into the Irk. The Prussia Street sewer receives the flow from Rodney Street and Prussia Street, with their tributaries from Portugal Street, East Newton Street, Cintra Street, Duke Street, Richmond Street, Leigh Street, Whitehead's Buildings, William Street, Elizabeth Street, Back Prussia Street, and Heath Street; it then flows along Prussia Street, going under the Canal, flowing into the Shooter's Brook. The Jersey Street sewer receives the flow from part of Poland Street and German Street, and it then passes down Jersey Street and along Bengal Street, crossing the Blossom Street sewer, and eventually emptying in the Oldham Road sewer.

Butler Lane is drained by the Butler Street sewer, and from thence across the Canal into the Shooter's Brook.

The general slope of the district is from the corner of Oldham Road and Butler Street towards the corner of German Street and Jersey Street, the difference of altitude between these two points being 13ft. 3in.

HOUSES

A number of the houses are old and back-to-back, and were built before 1830. Most of the remaining portion were erected between 1830 and 1850.

There are several courts in the district. The width of the streets ranges from 36ft. to 8ft., the average width being about 18ft.

The passages between the backs of the houses are small, and the spaces between the backs of the houses that have yards are insufficient. The houses without yards are old and dilapidated for the most part, and not suitable places for human habitation; the rooms are small and damp, and the air is confined by the narrowness of the courts.

The streets are for the most part paved and sewered, and are in fair condition; but the flags in the courts are in many cases in bad repair.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 967 houses, of which 43 are unoccupied, leaving 924 as inhabited houses.

POPULATION

The average number of persons per house for the entire city of	
Manchester, according to the census returns of 1881, was...	5·01
For the township of Manchester.....	4·93
For the registration sub-district of Ancoats	4·76
As No. 2 Sanitary District contained, according to the Overseers'	
books for the current year, 924 inhabited houses, this	
multiplied by 5·01 will give the number of inhabitants.....	4,629
Multiplied by 4·93 the number will be	4,555
Multiplied by 4·76 the number will be	4,398
The mean of these three estimates is	4,527

which will tolerably represent the population of the district.

The Oldham Road boundary of this district is occupied by shopkeepers, and a great part of the population are employed in the numerous factories, glass works, and boiler works in the locality.

MORTALITY

From 27th December, 1880, to 22nd December, 1881, the total number of deaths the district from all causes, in the homes of the people, were 118.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 118 deaths would give a rate of.....	25·49
According to the township rate of occupation	25·90
According to the registration sub-district rate	26·83
The mean of these three estimates of population.....	26·06

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 30...	14, Rodney Street	M...	10 weeks	...F Paper maker.....	Convulsive fit
1881					
Jan. 3...	74, Loom Street	M...	60 years.....	Labourer	Bronchitis
„ 5...	60, Prussia Street.....	M...	57 years.....	Ostler.....	Do.
„ 8...	2, Poland Street	M...	72 years.....	Cotton spinner	Old age
„ 11...	10, Elizabeth Street.....	F ...	54 years.....	H Calenderer.....	Bronchitis
„ 13...	6, Richmond Street	F ...	58 years.....	H Brickmaker	Dropsy
„ 17...	27, Prussia Street	M...	71 years.....	Hawker	Old age
„ 17...	76, Prussia Street	F ...	52 years.....	H Engine driver	Chronic bronchitis
„ 19...	141, Jersey Street	F ...	64 years.....	H Mechanic	Do.
„ 19...	122, Loom Street	F ...	60 years.....	H Labourer	Senile decay
„ 20...	8, Smith's Court	F ...	1 year	F Bricklayer.....	Bronchitis
„ 21...	109, Silk Street.....	F ...	50 years.....	H Spade labourer	Do.
„ 22...	9, New Butler Street	M...	1 year	F Umbrella maker ...	Do.
„ 25...	50, Richmond Street	F ...	9 months	...F Joiner.....	Do.
„ 26...	1, Portugal Street	M...	26 years.....	Clogger	Pleurisy
„ 29...	147, Jersey Street	M...	53 years.....	Blacksmith	Bronchitis
„ 29...	14, East Newton Street	M...	44 years.....	Weaver	Do.
„ 31...	49, Leigh Street East	F ...	3 months	...F Blacksmith	Cerebritis
Feb. 1...	Portugal Street Mill	M...	16 years.....	Mechanic	Injuries by machinery
„ 1...	1, Cintra Street.....	F ...	8 months	...F Fustian cutter	Bronchitis
„ 7...	38, Butler Street	M...	73 years.....	Shoemaker	Disease of mitral valve
„ 8...	1, East Newton Street	M...	53 years.....	Musician	Natural disease
„ 14...	7, William Street.....	F ...	2 months	...F Cotton doubler ..	Bronchitis
„ 17..	12, Poland Street.....	F ..	58 years	.... Knocker-up	Do.
„ 18...	15, Rodney Street	M...	4 years	....F Labourer	Scarlatina
„ 21...	14, Faulkner's Buildings.....	M...	52 years.....	Railway labourer ...	Bronchitis
„ 21...	2, Campbell's Court.....	M...	1 week	....F Cotton spinner	Convulsions
Mar. 4	8, Duke Street	M...	6 years	....F Labourer	Pneumonia
„ 5...	64, Prussia Street	F ...	59 years.....	H Blacksmith	Chronic bronchitis

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 7...	13, Mozart Street...	M...	6 years	F Cotton spinner	Tuberculosis
„ 9...	55, Loom Street	F ...	1 year	F House painter	Bronchitis
„ 9...	58, William Street	F ..	6 months	F Hatter	Convulsions
„ 11...	153, Jersey Street...	F ...	3 years	F Baker	Meningitis
„ 12...	29, Leigh Street East	F ...	56 years	Widow	Bronehitis
„ 19...	14, New Butler Street	F ...	29 years	H Pavior	Exposure after childbirth
„ 21...	16, Faulkner's Buildings	M...	1 year	F Warehouseman	Diarrhœa
„ 23...	8, Butler Lane	F ...	61 years	Widow	General decay
„ 23...	96, Prussia Street	M...	68 years	Hawker	Bronehitis
„ 26...	113, Portugal Street	M...	19 years	Labourer	Struma
„ 29...	1, Heath Court	F ...	11 months	F Iron turner	Pertussis
Apl. 1...	9, Elizabeth Street	M...	38 years	Glass cutter	Bronehitis
„ 6...	42, William Street	F ...	4 months	F Winder	Natural disease
„ 6...	119, George Leigh Street	M...	6 weeks	F Wood sawyer	Syphilis
„ 7...	42, William Street	F ...	3 years	F Cotton carder	Tabes
„ 11 ..	42, William Street	F ...	1 year	F Cotton piecer	Pertussis
„ 19...	252, Oldham Road	M...	1 year	F Beerseller	Marasmus
„ 22...	33, Rodney Street	M...	24 years	Meehanic	Pneumonia
„ 25...	18, Leigh Street East	F ...	52 years	Glass worker	Bronehitis
„ 25...	7, Elizabeth Street	M...	4 years	F Cotton carder	Meningitis
May 3...	10, Rodney Street	M...	34 years	Driller	Phthisis, diarrhœa
„ 11...	33, Richmond Street	F ...	6 months	F Coal labourer	Bronehitis
„ 18...	19, Elizabeth Street	F ...	70 years	Cotton weaver	Senile decay
„ 19...	57, Elizabeth Street	F ...	4 years	F Engine driver	Phthisis
„ 20 ..	84, Prussia Street	M...	1 year	F Mechanic	Dentition
„ 28...	40, Rodney Street	M...	3 months	F Glass worker	Pertussis
June 3...	Rochdale Canal, Prussia St.	M...	5 years	F Hawker	Drowning
„ 9...	61, Leigh Street East	F ...	76 years	H Engine fitter	Chronie bronchitis
„ 9...	6, Purdon Street	M...	19 years	Glass cutter	Phthisis
„ 9...	16, Baek Jersey Street	F ...	8 days	F Briekmaker	Prematurity
„ 16...	12, Purdon Street	M...	14 years	Cotton pieeer	Diarrhœa
„ 20 ..	1, Whitehead's Buildings	F ...	25 years	Cotton tenter	Phthisis
„ 23...	25, Elizabeth Street	F ...	31 years	H House painter	Pneumonia
„ 29...	89, Portugal Street	M...	7 years	F Glass blower	Do.
„ 30...	116, George Leigh Street	M...	51 years	Street scavenger	Morbus cordis
July 5...	13, New Butler Street	M...	37 years	Cotton carder	Hepatitis
„ 5...	282, Oldham Road	M...	5 years	F Blacksmith	Tabes
„ 6...	6, Baek Jersey Street	M...	5 years	F Iron dresser	Meningitis
„ 15...	123, Jersey Street	F ...	58 years	H Provision dealer	Morbus eordis
„ 16...	1, Passage, Rodney Street	F ...	13 years	F Labourer	Caries of spine
„ 18...	2, Elizabeth Street	F ...	45 years	H Builder & Publiean.	Bronehitis
„ 27...	3, East Newton Street	M...	4 years	F Tailor	Pneumonia
Aug. 1...	192, Oldham Road	F ...	5 days	F Baker	Convulsions
„ 2...	262, Oldham Road	F ...	1 year	F Plumber	Do.
„ 4...	2, William Street	M...	44 years	Lurryman	Fall out of a cart

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Aug. 15...	210, Oldham Road	F	3 months	F Tripe dresser.....	Mesenterica
„ 15...	5, Chadwick's Buildings.....	F	56 years.....	H Spade labourer	Phthisis
„ 16...	32, Butler Street	M	61 years.....	Marine store dealer..	Prostatic disease
„ 22...	2, Portugal Street.....	F	1 year ...	F Cotton carder	Pertussis
„ 25...	Rochdale Canal, Jersey St....	M	60 years.....	.....	Found drowned
„ 31...	91, Portugal Street	M	10 months...	F Hawker	Diarrhœa
Sep. 5...	123, Silk Street	M	60 years.....	Railway labourer ...	Pneumonia
„ 5...	8, William Street	M	18 years.....	Pork butcher	Disease of aorta
„ 7...	27 Poland Street	F	69 years.....	H Shoemaker.....	Pneumonia
„ 7...	6, Poland Street	M	4 years	F Warehouse porter...	Encephalitis
„ 22...	66, Portugal Street	F	8 months ...	F Glass worker	Pneumonia
„ 24...	2, Collinge Court	F	56 years.....	Widow of smith ...	Natural causes
„ 27...	27, Leigh Street East	F	3 weeks.....	F Labourer.....	Cyanosis
„ 27...	21, Elizabeth Street	M	40 years.....	Labourer	Morbus cordis
„ 27...	168, Oldham Road	M	36 years.....	Policeman	Acute pleurisy
„ 30...	12, New Baths	F	39 years.....	Widow of spinner ...	Phthisis
Oct. 5...	93, Portugal Street	F	56 years.....	Housekeeper	Cerebral apoplexy
„ 11...	47, William Street	M	5 months' ...	F Mill hand	Marasmus
„ 17...	234, Oldham Road	M	1 year	F Grocer	Anæmia
„ 17...	43, Prussia Street.....	F	45 years.....	Mill hand	Cancer of womb
Nov. 8...	13, Portugal Street	F	54 years.....	Hawker ..	Broncho-pneumonia
„ 9...	1, Duke Street	F	3 years	F Furnaceman	Encephalitis
„ 10...	147, Jersey Street	F	3 years	F Carter.....	Bronchitis
„ 13...	6, Campbell's Court.....	F	28 years.....	Slipper maker	Phthisis
„ 15...	8, Back Prussia Street	M	39 years.....	Labourer	Pleuro-pneumonia
„ 22...	13, Leigh Street East	F	36 years.....	Mill hand	Phthisis
„ 27...	Sand Yard, Jersey Street ...	M	10 months...	F Sand dealer	Measles
Dec. 2...	18, New Butler Street.....	F	43 years.....	H Stonemason	Lung disease
„ 4...	117, Portugal Street	F	14 months...	F Labourer.....	Abscess in trachea
„ 5...	9, Wheelhouse Court	M	1 year	F Joiner	Bronchitis
„ 7...	51, Prussia Street.....	M	3 years ..	F Clerk	Congestion of brain
„ 7...	26, Heath Street	M	2 years	F Hawker	Croup
„ 8...	3, Smith's Court	F	39 years.....	H Presser	Bronchitis
„ 9...	13, William Street	M	5 months ...	F Smith	Marasmus
„ 9...	15, New Butler Street .	M	56 years.....	Labourer	Hernia
„ 11...	21, Rodney Street.....	F	9½ years.....	F Spinner	Pleuro-pneumonia
„ 12...	33, Leigh Street East	M	58 years.....	Labourer.....	Pleurisy
„ 14...	174, Oldham Road ...	M	47 years.....	Draper	Albuminuria
„ 15...	127, Silk Street.....	M	51 years.....	Labourer.....	Bronchitis
„ 15..	141, Jersey Street.....	F	1 year	F Labourer.....	Diarrhœa
„ 20...	98, Prussia Street.....	M	32 years.....	Glass maker	Apoplexy
„ 22...	92, Prussia Street.....	F	65 years.....	H Lapidary.....	Hernia
„ 22...	12, Poland Street.....	M	1 year	F Mill hand	Pertussis
„ 27...	8, Faulkner's Buildings	M	3 years	F Mechanic	Bronchitis

AGE AT DEATH

All under 1 year	21	
„ 2 years	35	
„ 3 „	36	
„ 4 „	42	
„ 5 „	47	= 47
Between 5 and 10 years	7	
„ 10 „ 20 „	6	
„ 20 „ 30 „	5	
„ 30 „ 40 „	10	
„ 40 „ 50 „	7	
„ 50 „ 60 „	21	
„ 60 „ 70 „	10	
„ 70 „ 80 „	5	
Total deaths.....	118	

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year	17·79	Under 4 years	35·59
„ 2 years	29·66	„ 5 „	39·83
„ 3 „	30·50		
Between 5 and 10 years	5·93	Between 40 and 50 years ...	5·93
„ 10 „ 20 „	5·08	„ 50 „ 60 „ ...	17·79
„ 20 „ 30 „	4·23	„ 60 „ 70 „ ...	8·47
„ 30 „ 40 „	8·47	„ 70 „ 80 „ ...	4·23

DEATHS PER 1,000 of the mean population (4,527) at different ages

Under 1 year	4·63	Under 4 years	9·27
„ 2 years	7·73	„ 5 „	10·38
„ 3 „	7·95		
Between 5 and 10 years	1·54	Between 40 and 50 years ...	1·54
„ 10 „ 20 „	1·32	„ 50 „ 60 „ ...	4·63
„ 20 „ 30 „	1·10	„ 60 „ 70 „ ...	2·20
„ 30 „ 40 „	2·20	„ 70 „ 80 „ ...	1·10

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
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1881

Feb. 18...	15, Rodney Street	M...	4 years	F Labourer	Scarlatina
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MEASLES

Nov. 27...	Sand Yard, Jersey Street	M...	10 months	F Sand dealer	Measles
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WHOOPING COUGH

Mar. 29...	1, Heath Court	F ...	11 months	F Iron turner	Pertussis
Apl. 11...	42, William Street	F ...	1 year	F Cotton piecer	Do
May 28...	40, Rodney Street	M...	3 months	F Glass worker	Do.
Aug. 22...	2, Portugal Street	F ...	1 year	F Cotton carder	Do.
Dec. 22...	12, Poland Street	M...	1 year	F Mill hand	Do.

DIARRHŒA

Mar. 21...	16, Faulkner's Buildings	M...	1 year	F Warehouseman	Diarrhœa
June 16...	12, Purdon Street	M...	14 years	Cotton piecer	Do.
Aug. 31...	91, Portugal Street	M...	10 months	F Hawker	Do.
Dec. 15...	141, Jersey Street	F ..	1 year	F Labourer	Do.

DISEASES OF LUNGS

Jan. 3...	74, Loom Street	M...	60 years	Labourer	Bronchitis
,, 5...	60, Prussia Street	M...	57 years	Ostler	Do.
,, 11...	10, Elizabeth Street	F ...	54 years	H Calenderer	Do.
,, 20...	8, Smith's Court	F ...	1 year	F Bricklayer	Do.
,, 21...	109, Silk Street	F ...	50 years	H Labourer	Do.
,, 22...	9, New Butler Street	M...	1 year	F Umbrella maker	Do.
,, 25...	50, Richmond Street	F ...	9 months	F Joiner	Do.
,, 26...	1, Portugal Street	M..	26 years	Clogger	Pleurisy
,, 29...	147, Jersey Street	M...	53 years	Blacksmith	Bronchitis
,, 29...	14, East Newton Street	M...	44 years	Weaver	Do.
Feb. 1...	1, Cintra Street	F ...	8 months	F Fustian cutter	Do.
,, 14...	7, William Street	F ...	2 months	F Cotton doubler	Do.
,, 17...	12, Poland Street	F ...	58 years	Knocker-up	Do.
,, 21...	14, Faulkner's Buildings	M...	52 years	Railway labourer	Do.

CAUSES OF DEATH—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 4...8,	Duke Street	M...	6 years	F Labourer.....	Pneumonia
„ 9...55,	Loom Street	F ...	1 year	F House painter	Bronchitis
„ 12...29,	Leigh Street East	F ...	56 years.....	Widow	Do.
„ 23...96,	Prussia Street.....	M...	68 years.....	Hawker	Do.
Apl. 1...9,	Elizabeth Street	M...	38 years.....	Glass cutter	Do.
„ 22...33,	Rodney Street.....	M...	24 years.....	Mechanic	Pneumonia
„ 25...18,	Leigh Street East	F ...	52 years.....	Glass worker.....	Bronchitis
May 11...33,	Richmond Street.....	F ...	6 months ...	F Labourer	Do.
June 23...25,	Elizabeth Street.....	F ...	31 years.....	H Painter	Pneumonia
„ 29...89,	Portugal Street	M...	7 years	F Glass blower	Do.
July 18...2,	Elizabeth Street	F ...	45 years.....	H Builder	Bronchitis
„ 27...3,	East Newton Street.....	M...	4 years	F Tailor.....	Pneumonia
Sep. 5...123,	Silk Street.....	M...	60 years.....	Railway labourer ...	Do.
„ 7...27,	Poland Street.....	F ...	69 years.....	H Shoemaker.....	Do.
„ 22...66,	Portugal Street	F ...	8 months ...	F Glass worker	Do.
„ 27...168,	Oldham Road	M...	36 years.....	Policeman	Acute pleurisy
Nov. 8...13,	Portugal Street	F ...	54 years.....	Hawker	Broncho-pneumonia
„ 10...147,	Jersey Street.....	F ...	3 years	F Carter.....	Bronchitis
„ 15...8,	Back Prussia Street.....	M...	39 years.....	Labourer	Plcuro-pneumonia
Dec. 5...9,	Wheelhouse Court	M...	1 year	F Joiner	Bronchitis
„ 8...3,	Smith's Court	F ...	39 years.....	Presser	Do.
„ 11...21,	Rodney Street	F ...	9½ years.....	F Spinner	Pleuro-pneumonia
„ 12...33,	Leigh Street East	M...	58 years.....	Labourer	Pleurisy
„ 15...127,	Silk Street.....	M...	51 years.....	Labourer	Bronchitis
„ 27...8,	Faulkner's Buildings	M...	3 years	F Mechanic	Do.

LARYNGITIS

Dec. 7...26, Heath Street

M...	2 years	F Hawker	Croup
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CHRONIC BRONCHITIS

Jan. 17...76,	Prussia Street.....	F ...	52 years.....	H Engine driver	Chronic bronchitis
„ 19...141,	Jersey Street	F ...	64 years.....	H Mechanic	Do.
Mar. 5...64,	Prussia Street.....	F ...	59 years.....	H Blacksmith.....	Do.
June 9...61,	Leigh Street East	F ...	76 years	H Engine fitter	Do.

PHTHISIS PULMONALIS

May 19...57,	Elizabeth Street.....	F ...	4 years	F Engine driver.....	Phthisis
June 9...6,	Purdon Street	M...	19 years.....	Glass cutter	Do.
„ 20...1,	Whitehead's Buildings ...	F ...	25 years.....	Cotton tenter	Do.
Aug. 15...5,	Chadwick's Buildings	F ...	56 years.....	H Labourer	Do.
Sep. 30.. 12,	New Baths	F ...	39 years.....	Widow of spinner...	Do.
Nov. 13...6,	Campbell's Court.....	F ...	28 years.....	Slipper maker	Do.
„ 22...13,	Leigh Street East	F ...	36 years.....	Mill hand	Do.

CAUSES OF DEATH—continued

INFANTILE TUBERCULOSIS

Mar. 7...13, Mozart Street.....M...6 years.....F Spinner Tuberculosis

DISEASES OF NERVOUS SYSTEM

CONVULSIONS, MENINGITIS, HYDROCEPHALUS, &c.

CONVULSIONS

Feb. 21...2, Campbell's Court.....M...1 weekF SpinnerConvulsions

Mar. 9...58, William StreetF ...6 months ...F Hatter..... Do.

Aug. 1...192, Oldham RoadF ...5 daysF Baker Do.

„ 2...262, Oldham RoadF ...1 yearF Plumber..... Do.

HYDROCEPHALUS

Jan. 13...6, Richmond StreetF ...58 years.....H BrickmakerDropsy

MENINGITIS .

Mar. 11...153, Jersey Street.....F ...3 yearsF BakerMeningitis

Apl. 25...7, Elizabeth StreetM...4 yearsF Cotton carder Do.

July 6...6, Back Jersey StreetM...5 yearsF Iron dresser Do.

APOPLEXY

Oct. 5 ..93, Portugal StreetF ...56 years..... HousekeeperApoplexy

Dec. 20...98, Prussia Street.....M...32 years..... Glass worker... .. Do.

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

Jan. 8...2, Poland StreetM...72 years..... Cotton spinnerOld age

„ 17...27, Prussia StreetM...71 years..... HawkerGeneral decay

„ 19...122, Loom StreetF ...60 years.....H LabourerSenile decay

Mar. 23...8, Butler LaneF ...61 years..... WidowGeneral decay

Apl. 7...42, William StreetF ...3 years Cotton carderTabes

„ 19...252, Oldham RoadM...1 yearF BeersellerMarasmus

May 18...19, Elizabeth Street.....F ...70 years..... WeaverSenile decay

July 5...282, Oldham RoadM...5 yearsF BlacksmithTabes

Oct. 11...47, William StreetM...5 months ...F Mill handMarasmus

„ 17...234, Oldham RoadM...1 yearF GrocerAnæmia

Dec. 9...13, William StreetM...5 months ...F SmithMarasmus

PREMATURE BIRTH

June 9...16, Back Jersey StreetF ...8 daysF BrickmakerPrematurity

DISEASES OF HEART

Feb. 7...38, Butler StreetM...73 years..... Shoemaker.....Disease of mitral valve

June 30...116, George Leigh Street ...M...51 years..... ScavengerMorbus cordis

July 15...123, Jersey StreetF ...58 years.....H Provision dealer ... Do.

Sep. 5...8, William Street.....M...18 years..... Pork butcher.....Disease of aorta

„ 27...27, Leigh Street EastF ...3 weeks.....F LabourerCyanosis

„ 27...21, Elizabeth StreetM...40 years..... LabourerMorbus cordis

CAUSES OF DEATH—continued

DISEASES OF KIDNEYS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Aug. 16...	32, Butler Street	M...	61 years.....	Marine store dealer..	Prostatic disease
Dec. 14...	174, Oldham Road	M...	47 years.....	Draper	Albuminuria

DISEASES OF LIVER

July 5...	13, New Butler Street.....	M...	37 years... ..	Cotton carder	Hepatitis
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DISEASES OF BRAIN

Jan. 31...	49, Leigh Street East	F ...	3 months ...	F Blacksmith	Cerebritis
Sep. 7...	6, Poland Street	M...	4 years	F Porter.....	Encephalitis
Nov. 9...	1, Duke Street	F ...	3 years	F Stoker	Do.
Dec. 7...	51, Prussia Street.....	M...	3 years	F Clerk	Congestion of brain

DISEASES OF BOWELS

Aug. 15...	210, Oldham Road	F ...	3 months ...	F Tripe dresser.....	Mesenterica
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DENTITION

May 20...	84, Prussia Street.. ..	M...	1 year.....	F Mechanic	Dentition
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DISEASES OF SPINE

July 16...	1 Passage, Rodney Street ...	F ...	13 years.....	F Labourer	Caries of spine
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PUERPERAL DISEASES

Oct. 17...	43, Prussia Street.....	F	45 years.....	Mill hand	Cancer of womb
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TUMOURS

Mar. 26...	113, Portugal Street	M...	19 years.....	Labourer	Struma
Dec. 9...	15, New Butler Street.....	M...	56 years.....	Labourer	Hernia
„ 22...	92, Prussia Street	F	65 years.....	H Lapidary	Do.

INFANTILE SYPHILIS

Apl. 6...	119, George Leigh Street ...	M...	6 weeks.....	F Wood sawyer	Syphilis
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DISEASES OF THROAT

Dec. 4...	117, Portugal Street	F ...	14 months...	F Labourer	Abscess in throat
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CORONER'S INQUESTS

1880

Dec. 30...	14, Rodney Street.....	M...	10 weeks ...	F Paper maker	Convulsions
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1881

Feb. 1...	Portugal Street Mill	M...	16 years.....	Mechanic	Machinery accident
„ 8...	1, East Newton Street.....	M...	53 years.....	Musician	Natural disease
Mar. 19...	14, New Butler Street.....	F ...	29 years.....	H Pavior.....	Exposure after childbirth
Apl. 6...	42, William Street	F ...	4 months ...	M Winder	Natural disease
May 3...	10, Rodney Street.....	M...	34 years.....	Driller	Diarrhoea
June 3 ..	Prussia Street	M...	5 years	F Hawker	Drowning
Aug. 4...	2, William Street	M...	44 years	Lurryman	Fall from cart
„ 25...	Rochdale Canal	M...	60 years.....	.....	Found drowned
Sep. 24...	2, Collinge Court	F ...	56 years.....	Widow	Natural causes
Dec. 2...	18, New Butler Street.....	F ...	43 years.....	H Mason.....	Lung disease

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	5·93	Diseases of debility, asthenia,	
Scarlet fever	·84	atrophy, debility, tabes	
Typhus and typhoid fever...	·84	mesenterica, marasmus,	
Whooping cough	4·23	inanition, wasting, &c. ...	9·32
Diarrhoea	3·38	Premature birth	·84
Diseases of lungs	33·05	Diseases of heart	5·08
Laryngitis	·84	Diseases of kidneys	1·69
Chronic bronchitis.....	3·38	Diseases of liver	·84
Phthisis pulmonalis	5·93	Diseases of brain	3·38
Infantile tuberculosis	·84	Diseases of bowels.....	·84
Diseases of nervous system,		Dentition	·84
convulsions, meningitis,		Diseases of spine	·84
hydrocephalus, &c.—		Puerperal diseases.....	·84
Convulsions	3·38	Tumours	2·54
Hydrocephalus	·84	Infantile syphilis	·84
Meningitis.....	2·54	Diseases of throat	·84
Apoplexy	1·69	Coroner's inquests.....	9·32

PROPORTION PER 1,000 *of mean population (4,527) or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	1·54	Diseases of debility, asthenia,	
Scarlet fever	·22	atrophy, debility, tabes	
Measles	·22	mesenterica, marasmus,	
Whooping cough	1·10	inanition, wasting, &c. ...	2·42
Diarrhoea	·88	Premature birth	·22
Diseases of lungs	8·61	Diseases of heart	1·32
Laryngitis	·22	Diseases of kidneys	·44
Chronic bronchitis.....	·88	Diseases of liver	·22
Phthisis pulmonalis	1·54	Diseases of brain	·88
Infantile tuberculosis	·22	Diseases of bowels.....	·22
Diseases of nervous system,		Dentition	·22
convulsions, meningitis,		Diseases of spine	·22
hydrocephalus, &c.	2·20	Puerperal diseases.....	·22
Convulsions	·88	Tumours	·66
Hydrocephalus	·22	Infantile syphilis	·22
Meningitis.....	·66	Diseases of throat	·22
Apoplexy	·44	Coroner's inquests.....	2·42

SCALE 8 INCHES = 1/4 OF A MILE.

- HOUSES BUILT BEFORE 1830
 1850
 1870
 SINCE 1870
 PUBLIC BUILDINGS, MILLS, WAREHOUSES, &c.
 PUBLIC HOUSES X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 3

BOUNDARIES

Oldham Road Butler Street Garratt Street
 City Boundary or Newton Brook.

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 3 SANITARY DISTRICT

Number 16	Number 20
„ 17	„ 21
„ 18	„ 23 (the southern half)
„ 19	

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 3 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING
 FROM GARRATT STREET TO BUTLER STREET :—

Garratt Street	Naylor Street
Garratt Court	Brunswick Street
Cowlishaw's Buildings	Chandley Street
Back Garratt Street	Blair Street
No. 1 Court, Cowlishaw's Buildings	Brunswick Place
Cowlishaw Street	Hilton Street
Tuke Street	Lloyd Street
Hibbert's Place	Beattie Street
Higham Street	Vale Street
Francis Street	Autumn Street
Marple Street	Prior Street
Ravald Street	Walker Street
Wainwright Street	M'Cormick Street
Pratley Street	Stockdale Street
William Lee Street	<u>Barratt</u> Street
North Porter Street	Walker's Yard, Barratt Street
Berkshire Street	Edward Street
Brookside	Bradley's Buildings
Fraser Street	Back Pump Street, Naylor Street
Mellor Street	Smith's Court, Naylor Street
Handel Street	Reather's Court, Lloyd Street

Clark's Court, Lloyd Street
 Brown's Court
 Beckett's Court, Edward Street
 Taylor's Court, Edward Street
 Steel's Court
 Murray Street
 No. 1 Court, Edward Street
 Wright Street
 Back Ravald Street
 Pottinger Street
 Ward Street
 Bennett Street
 Iles Street
 Hall Street

New Murray Street
 No. 1 Court, Murray Street
 Rowley's Court
 Kelly's Buildings, Ravald Street
 Stott's Buildings
 Butler Street
 Oldham Road
 Bentley Street
 New Street
 Hall's Court, Oldham Road
 Ridge's Court, Oldham Road
 Reather's Court, Oldham Road
 Pott Street Court, Oldham Road

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Oldham Road.....	107	7	Hilton Street	26	10
Edward Street	36	2	Prior Street	26	10
Iles Street	36	2	Vale Street.....	26	10
Butler Street	36	0	William Lee Street	26	10
Lloyd Street	36	0	Pott's Court, Oldham Road.	26	6
Murray Street	36	0	Clark's Court, Lloyd Street..	24	6
North Porter Street	36	0	Cowlshaw's Buildings	24	4
Ravald Street.....	36	0	Ward Street	24	4
Wright Street	35	10	New Murray Street	24	3
Naylor Street.....	35	9	Back Ravald Street	24	2
Garratt Street.....	35	6	Chandley Street.....	24	2
New Street.....	30	2	Handel Street.....	24	2
Stockdale Street.....	30	2	Higham Street	24	2
Walker Street.....	30	2	Pottinger Street.....	24	2
Beattie Street.....	30	0	Wainwright Street.....	24	2
No. 1 Court, Murray Street	30	0	Barratt Street.....	24	0
Bradley's Buildings	29	10	Blair Street	24	0
Francis Street	29	10	Brunswick Place	24	0
Mellor Street.....	29	10	Brunswick Street	24	0
Hall Street.....	27	0	Kelly's Buildings	24	0
M'Cormick Street	27	0	Marple Street.....	24	0
Autumn Street	26	10	Pratley Street.....	24	0
Bennett Street	26	10	Bennett Street	24	0
Higham Street	26	10	Berkshire Street.....	23	10

	ft.	in.		ft.	in.
Cowlishaw Street	23	10	Brown's Court	11	9
Fraser Street	23	10	Reather's Court, Oldham Road	10	9
Hibbert's Place	23	10	No. 1 Court, Cowlishaw's		
Garratt Court	22	4	Buildings	10	8
Barratt Street.....	18	2	Back Pump Street, Naylor		
Steel's Court, Edward Street.	17	2	Street	9	2
Rowley's Court	16	10	Beckett's Court, Edward		
Tuke Street.....	16	10	Street	9	2
Back Garratt Street	16	6	Hall's Court, Oldham Road	7	4
Taylor's Court, Edward Street	16	0	Ridge's Court, Oldham Road	7	0
Stott's Buildings.....	15	2	Walker's Court, Barratt		
Smith's Court, Naylor Street	14	7	Street	6	2
Rowley's Buildings	12	9	Brookside, Fraser Street ...	6	0
No 1 Court, Edward Street	12	0	Reather's Court, Lloyd Street	5	6

THE STREETS ARRANGED ALPHABETICALLY

Autumn Street	Garratt Court, Garratt Street
Back Garratt Street	Garratt Street
Back Pump Street, Gaylor Street	Hall Street
Back Ravalld Street	Hall's Court
Barratt Street	Handel Street
Beattie Street	Hibbert's Place
Beckett's Court, Edward Street	Higham Street
Bennett Street	Hilton Street
Bentley Street	Iles Street
Berkshire Street	Kelly's Buildings
Blair Street	Lloyd Street
Bradley's Buildings	M'Cormick Street
Brookside, Fraser Street	Marple Street
Brunswick Place	Mellor Street
Brunswick Street	Murray Street
Brown's Court	Murray Street
Butler Street	Naylor Street
Chandley Street	New Murray Street
Clark's Court, Lloyd Street	New Street
Cowlishaw Street	No. 1 Court, Cowlishaw's Buildings
Cowlishaw's Buildings	No. 1 Court, Edward Street
Edward Street	No. 1 Court, Murray Street
Francis Street	North Porter Street
Fraser Street	Oldham Road

Pottinger Street	Stockdale Street
Pott's Court, Oldham Road	Stott's Buildings
Pratley Street	Taylor's Court, Edward Street
Prior Street	Tuke Street
Ravald Street	Vale Street
Reather's Court, Lloyd Street	Wainwright Street
Reather's Court, Oldham Road	Walker Street
Ridge's Court, Oldham Road	Walker's Yard, Barratt Street
Rowley's Buildings, Ravald Street	Ward Street
Rowley's Court, Murray Street	William Lee Street
Smith's Court, Naylor Street	Wright Street
Steel's Court, Edward Street	

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Oldham Road and Garratt Street	192	5
„ „ Oldham Road and Naylor Street	187	5
„ „ Oldham Road and Lloyd Street	183	9
„ „ Lloyd Street and Barratt Street	181	8
„ in Oldham Road, opposite Slater Street	181	5
„ corner of Butler Street, opposite Ravald Street.....	177	5
„ „ Butler Street, off North Porter Street	176	0
„ on Butler Street Bridge	174	3
„ corner of Mellor Street and Lloyd Street	173	9

SEWERS

The subsoil underlying the district is clay, deposited on coal seams and other rocks.

The slope of this district is towards the Newton Brook, which forms the municipal boundary ; the whole of the sewers system consequently flows into the brook.

There are four principal sewers in the district—the Butler Street sewer, the Lloyd Street sewer, the Naylor Street sewer, and the Garratt Street sewer. The Butler Street sewer receives the flow from Ravald Street, with its tributaries from Murray Street, Edward Street, Barratt Street, Kelly's Buildings, and Back Pump Street, also the flow from Porter Street and from Murray Street, with its tributaries from Iles Street, Ward Street, Wright Street, Pottinger Street, Bennett Street, Porter Street, Hall Street, and New Murray Street ; it then flows into the Shooter's Brook just below its junction with the Newton Brook near Butler Street Bridge.

The Lloyd Street sewer receives the flow from Ravald Street and Walker Street, with its tributaries from Stockdale Street and M'Cormick Street, and the flow from Porter Street, with its tributaries from Vale Street and Autumn Street; also the flow from Mellor Street, with its tributaries from Hilton Street and Blair Street, joining the Newton Brook at the end of Lloyd Street.

The Naylor Street sewer receives the flow from Bradley's Buildings, Edward Street, Ravald Street, with its tributary, Higham Street; Walker Street, with its tributaries, Higham Street and Pratley Street; Porter Street, with its tributaries, Higham Street and William Lec Street; Mellor Street, with its tributaries, Higham Street and Fraser Street; it then flows into the Newton Brook. The Garratt Street sewer receives the flow from Edward Street, with its tributaries, Cowlshaw's Buildings, Cowlshaw Street, and David Street; Ravald Street, with its tributaries, Marple Street and Francis Street; Walker Street, with its tributary from Wainwright Street; Porter Street, with its tributary, Wainwright Street and Mellor Street; it then flows into the Newton Brook. The Berkshire Street sewer runs along Berkshire Street into the Newton Brook. The Fraser Street sewer runs along Fraser Street into the Newton Brook.

HOUSES

More than one quarter of the houses in this district were built before 1830; the remainder may be divided between the years 1830-50 and 1850-70.

There are some very old buildings at the northern end of the district, also along the front of Oldham Road.

The width of the streets ranges from 36ft. to 5ft. 6in., the greater number being about 24ft. wide.

The passages vary in width, but most of them are narrow, and the spaces between the backs of the houses are small and insufficient.

The streets are for the most part paved and sewered and in good condition. The houses are nearly all without cellars, and have no ventilating space under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick. Houses thus constructed are damp, and have much in common with those described in the previous sanitary districts.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 1,414 houses, of which 56 were unoccupied, leaving 1,358 as inhabited houses.

PLACE OF WORSHIP

Temperance Mission Hall Walker Street

WORKS

William Greateorex, Neptune Brewery	Garratt Street
Alfred Lindon, Wood-turning Mill	Ravald Street
James Burgess, Leather Merchant	Back Pump Street
J. Bohanna, Packing-case Maker	Back Pump Street
J. Harland, Coffin Maker	Edward Street
Shaw, Jardine, and Co., Cotton Mill	Murray Street
Clary and Milner, Weaving Mill.....	Naylor Street
John Marsden, Floorcloth Manufacturer.....	North Porter Street

POPULATION

The average number of persons per house for the entire city of	
Manchester, according to the census of 1871, was	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 3 Sanitary District contained, according to the Overseers' books for the current year, 1,358 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants	
	6,803
Multiplied by 4·93 the number will be	6,694
Multiplied by 4·76 the number will be	6,464
The mean of these three estimates is	6,653

which will tolerably represent the population of the district.

The district is chiefly composed of workmen's houses, also warehousemen and clerks'. The front of Oldham Road is inhabited chiefly by shopkeepers, &c.

MORTALITY

From 30th December, 1880, to 26th December, 1881, the total number of deaths in the district from all causes, in the homes of the people, was 143.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 143 deaths would give a rate per 1,000 of.....	21·02
According to the township rate of occupation	21·36
According to the registration sub-district rate	22·12
The mean of these three estimates of population.....	21·49

DETAILS OF DEATH, 1881

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Dec. 30...	54, Edward Street	F	11 months	F Glass maker	Pertussis
„ 30...	6, Luke Street	M	1 year	F Shoemaker	Scarlatina
„ 31...	392, Oldham Road	M	2 months	F Iron moulder	Suppression of bile
1881					
Jan. 7...	18, Murray Street	M	1 day	F Cotton dyer	Exhaustion
„ 10...	71, Murray Street	F	3 years	F Stoker	Bronchitis
„ 11...	6, M'Cormick Street	F	30 years	H Labourer	Cerebral disease
„ 11...	11, Berkshire Street	F	1 year	F Striker	Gastro-enteritis
„ 13...	37, Walker Street	F	42 years	H Carter	Bronchitis
„ 15	1, Steel's Court, Edward Street	F	73 years	H Bird stuffer	Natural causes
„ 19...	14, Murray Street	F	63 years	H Hawker	Chronic bronchitis
„ 20...	107, Naylor Street	M	49 years	Cabinet maker	Pneumonia
„ 24...	6, Brunswick Street	M	1 year	F Baker	Bronchitis
„ 24...	7, Wright Street	F	35 years	Seamstress	Phthisis
„ 25...	5, Brunswick Street	F	29 years	H Tailor	Gastric ulcer
„ 26...	43, Edward Street	F	20 years	H Glass blower	Tuberculosis
„ 26...	49, North Porter Street	M	20 years	Blacksmith	Phthisis
„ 31...	17, Mellor Street	F	63 years	H Farm labourer	Bronchitis
„ 31...	14, Ward Street	M	46 years	Mechanic	Do.
„ 31...	56, Walker Street	M	7 months	F Labourer	Pneumonia
Feb. 4...	9, Lloyd Street	M	10 months	F Gas worker	Dentition
„ 9...	11, Butler Street	F	51 years	H Cooper	Pneumonia
„ 10...	42, Barratt Street	F	3 months	F Railway labourer	Bronchitis
„ 12...	28, Naylor Street	M	3 weeks	F Stonemason	Convulsions
„ 14	25, Naylor Street	F	54 years	Widow	Bronchitis
„ 18...	1, Ward Street	F	68 years	H Chair maker	Pneumonia
„ 19...	48, Edward Street	M	8 months	F Iron dresser	Tabes
„ 22...	1, Taylor Street	M	35 years	Baker	Bronchitis
„ 23...	57, Edward Street	M	12 years	F Surgeon	Softening of brain
„ 24...	13, Edward Street	F	64 years	Widow	Bronchitis
„ 26...	6, Pratley Street	M	2 months	F Warehouseman	Enteritis

DETAILS OF DEATH, 1881—continued

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Mar. 1	10, Blair Street	F	63 years	H Lamplighter	Natural causes
„ 1	6, Mellor Street	M	50 years	Carter	Phthisis
„ 3	5, Pratley Street	F	3 years	F Hawker	Croup
„ 7	2, Cowlshaw's Buildings	F	2 years	F Machine engraver	Pneumonia
„ 7	64, Edward Street	F	10 years	F Iron driller	Consumption
„ 8	19, Ravald Street	F	6 months	F Engine driver	Gastro-enteritis
„ 10	53, Barratt Street	F	61 years	Silk winder	Apoplexy
„ 10	29, Wainwright Street	M	64 years	Engine driver	Natural disease
„ 14	34, Barratt Street	M	6 years	F Iron grinder	Disease of hip joint
„ 14	12, Autumn Street	F	1 year	F Cotton spinner	Pertussis
„ 15	65, North Porter Street	F	3 years	F Joiner	Do.
„ 16	4, North Porter Street	M	1 year	F Pattern maker	Meningitis
„ 16	81, Naylor Street	F	3 years	F Street pavior	Bronchitis
„ 16	61, Ravald Street	M	8 months	F Maker-up	Enteritis
„ 16	6, Brunswick Place	M	42 years	F Maker-up	Pneumonia
„ 22	35, Barratt Street	M	7 months	F Iron driller	Tabes
„ 23	5, Pratley Street	F	9 months	F Hawker	Convulsions
„ 24	21, Brunswick Street	M	3 years	F Painter	Tuberculosis
„ 25	72, Ravald Street	F	2 months	F Railway labourer	Atrophy
„ 28	3, Cowlshaw Street	F	4 months	F Maker-up	Pertussis
„ 29	6, Taylor's Court	F	3 years	F Labourer	Tuberculosis
Apr. 1	10, Cowlshaw's Buildings	F	1 year	F Boiler maker	Bronchitis
„ 2	5, Wainwright Street	M	8 months	F Striker	Enteritis
„ 4	25, Berkshire Street	F	6 months	F House painter	Meningitis
„ 6	60, North Porter Street	F	34 years	H Striker	Do.
„ 16	55, Walker Street	F	1 year	F Cotton carder	Debility
„ 19	27, Higham Street	F	3 years	F Clogger	Struma
„ 20	29, Mellor Street	F	3 weeks	F Iron driller	Marasmus
„ 20	39, Butler Street	M	8 months	F Braid foreman	Bronchitis
„ 25	4, Hibbert's Place	M	1 year	F Tobacco spinner	Pertussis
May 2	3, Vale Street	M	2 years	F Cotton overlooker	Do.
„ 2	86, Walker Street	M	3 days	F Iron turner	Debility
„ 2	26, Garratt Street	F	3 months	F Carter	Phthisis
„ 4	62, Walker Street	F	3 years	F Railway porter	Pertussis
„ 7	2, Cowlshaw Street	F	50 years	Widow	Morbus cordis
„ 9	13, Cowlshaw's Buildings	F	53 years	Widow	Bronchitis
„ 9	10, Ravald Street	M	66 years	Warehouse porter	General decay
„ 10	16, Wainwright Street	M	4 years	F Glass maker	Pertussis
„ 11	30, Barratt Street	F	3 months	F Calenderer	Bronchitis
„ 12	13, Butler Street	M	1 year	F Pork butcher	Do.
„ 14	414, Oldham Road	F	70 years	H Farrier	Do.
„ 16	388, Oldham Road	F	58 years	H Greengrocer	Hemiplegia
„ 17	2, Pottinger Street	M	1 year	F Railway porter	Bronchitis
„ 19	22, Brunswick Street	F	52 years	H Plumber	Acute bronchitis
„ 20	80, Naylor Street	M	35 years	Basket maker	Phthisis

DETAILS OF DEATH, 1881—continued

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
May 23	...71, Edward Street	F	...56 years	...H Shoemaker	...Pleurisy
" 24	...47, Raval Street	F	...1 day	...F Iron driller	...Intestinal obstruction
" 26	...73, North Porter Street	M	...46 years	...Bricklayer	...Paralysis
June 1	...27, Raval Street	M	...1 year	...F Mechanic	...Pertussis
" 6	...14, Ward Street	F	...2 weeks	...F Cotton dyer	...Convulsions
" 14	...43, Edward Street	M	...66 years	...Cotton carder	...Disease of the heart
" 17	...1, Chandley Street	M	...2 weeks	...F Mechanic	...Convulsions
" 25	...87, Butler Street	M	...2 years	...F Furniture porter	...Congestion of lungs
" 27	...3, Cowlshaw's Buildings	F	...69 years	...H Railway labourer	...Morbus cordis
" 28	...1, Beckett Street	F	...62 years	...H Labourer	...Natural causes
" 29	...20, Garratt Street	M	...71 years	...Chemist's assistant	...Syncope
July 1	...16, M'Cormick Street	F	...51 years	...H Labourer	...Bronchitis
" 5	...4, William Lee Street	F	...27 years	...Machine worker	...Tuberculosis
" 5	...15, Wright Street	M	...2 days	...F Labourer	...Natural causes
" 9	...67, Lloyd Street	F	...1 day	...F Mechanic	...Premature birth
" 11	...50, Garratt Street	M	...1 year	...F Iron turner	...Convulsions
" 11	...25, Berkshire Street	M	...70 years	...Hawker	...Senile decay
" 13	...6, Handel Street	F	...1 year	...F Tailor	...Tubes
" 19	...58, Lloyd Street	F	...16 years	...Cotton winder	...Phthisis
Aug. 1	...7, Wright Street	M	...1 day	...F Labourer	...Convulsions
" 12	...5, Walker Street	M	...10 months	...F Gas labourer	...Diarrhoea
" 15	...74, Naylor Street	M	...6 years	...F Shoemaker	...Pneumonia
" 17	...334, Oldham Road	F	...7 months	...F Greengrocer	...Bronchitis
" 19	...71, Edward Street	F	...1 year	...F Cabinet maker	...Marasmus
" 23	...21, Higham Street	M	...2 months	...F Warehouse packer	...Diarrhoea
" 26	...3, Hall's Court	M	...1 year	...F Timber labourer	...Marasmus
" 29	...67, Lloyd Street	F	...40 years	...H Mechanic	...Peritonitis
Sep. 1	...10, Barratt Street	F	...5 weeks	...F Ironworker	...Premature birth
" 6	...6, Pottinger Street	F	...9 months	...F Joiner	...Bronchitis
" 6	...16, Beattie Street	M	...1 year	...F Shoemaker	...Pneumonia
" 12	...74, Edward Street	M	...55 years	...Greengrocer	...Paralysis
" 14	...12, North Porter Street	M	...1 year	...F Baker	...Dentition
" 17	...5, Handel Street	M	...3 years	...F Carter	...Scarlatina
" 19	...16, Marple Street	M	...1 year	...F Brewer	...Measles
" 24	...24, Berkshire Street	F	...7 months	...F Labourer	...Convulsions
" 24	...2, Blair Street	M	...6 weeks	...F Tobacco pipe maker	...Pneumonia
" 26	...16, Vale Street	M	...10 weeks	...F Cotton winder	...Debility
Oct. 3	...10, Brunswick Street	M	...65 years	...Maker-up	...Cirrhosis of liver
" 4	...16, Marple Street	M	...3 years	...F Bricklayer	...Pneumonia
" 5	...80, Naylor Street	M	...6 days	...F Maker-up	...Convulsions
" 18	...8, Pottinger Street	F	...58 years	...Mill hand	...Bronchitis
" 19	...40, Lloyd Street	F	...62 years	...Weaver	...Do.
" 21	...30, Lloyd Street	M	...2 years	...F Shopkeeper	...Rubeola
" 24	...1, Hall Street	F	...62 years	...Widow	...Phthisis
" 31	...5, Reather's Court	M	...1 year	...F Labourer	...Dentition

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 31...64,	Edward Street	M...	20 years.....	Carter.....	Phthisis
Nov. 7...28,	Murray Street	F ...	13 years.....	F Painter	Spinal disease
„ 8...6,	Steel's Court.....	M...	44 years.....	Painter	Bronchitis
„ 8...54,	Lloyd Street	M...	9 weeks.....	F Publican.....	Diarrhœa
„ 12...6,	Edward Street	F ...	1 year	F Hair dresser	Convulsions
„ 15...13,	Naylor Street	M...	4 years	F Mechanic	Typhoid
„ 16...19,	Chandley Street.....	M...	37 years.....	Labourer	Bronchitis
„ 18...39,	Butler Street	M...	13 years.....	F Mill hand	Purpura hæmorrhage
„ 24...34,	Ravald Street.....	F ...	1 year	F Warehouseman.....	Measles
„ 27...314,	Oldham Road	M...	4 months ...	F Letter carrier	Whooping cough
„ 28...49,	Higham Street	M...	11 months...F	Mill hand	Bronchitis
Dec. 1...50,	Barratt Street	F ...	1 year	F Labourer	Measles
„ 4...21,	Iles Street	F ...	9 months ...	F Picture framemaker	Marasmus
„ 5...36,	Walker Street	M...	3 years	F Iron turner	Pertussis
„ 5...9,	Handel Street	M...	2 years	F Mill hand	Convulsions
„ 6...13,	Naylor Street	M...	7 months ...	F Mechanic	Bronchitis
„ 12...19,	Wainwright Street.. ..	F ...	1 year	F Labourer	Meningitis
„ 12...370,	Oldham Road	M...	72 years.....	Clogger	Cerebral disease
„ 15...22,	Vale Street, Holt Town..	M...	1 month ...	F Labourer	Natural causes
„ 17...14,	Autumn Street	M...	36 years.....	Labourer	Internal hæmorrhage
„ 18...16,	Hall Street	F ...	2 years	F Ironmoulder	Diarrhœa
„ 23...30,	Wainwright Street.....	F ...	2 years	F Warehouseman	Measles
„ 26...14,	Autumn Street	M...	2 years	F Labourer.. ..	Bronchitis

AGE AT DEATH

All under 1 year	43	
„ 2 years	66	
„ 3 „	74	
„ 4 „	85	
„ 5 „	87	= 87
Between 5 and 10 years	2	
„ 10 „ 20 „	5	
„ 20 „ 30 „	5	
„ 30 „ 40 „	7	
„ 40 „ 50 „	7	
„ 50 „ 60 „	11	
„ 60 „ 70 „	14	
„ 70 „ 80 „	5	
Total deaths.....		<u>143</u>

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year	30·06	Under 4 years	59·44
„ 2 years	46·15	„ 5 „	60·83
„ 3 „	51·74		
Between 5 and 10 years	1·39	Between 40 and 50 years ...	4·89
„ 10 „ 20 „	3·49	„ 50 „ 60 „ ...	7·69
„ 20 „ 30 „	3·49	„ 60 „ 70 „ ...	9·79
„ 30 „ 40 „	4·89	„ 70 „ 80 „ ...	3·49

DEATHS PER 1,000 of the mean population (6,653) at different ages

Under 1 year	6·46	Under 4 years	12·77
„ 2 years	9·92	„ 5 „	13·07
„ 3 „	11·12		
Between 5 and 10 years	·30	Between 40 and 50 years ...	1·05
„ 10 „ 20 „	·75	„ 50 „ 60 „ ...	1·65
„ 20 „ 30 „	·75	„ 60 „ 70 „ ...	2·10
„ 30 „ 40 „	1·05	„ 70 „ 80 „ ...	·75

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 30...	6, Luke Street	M...	1 year	F Shoemaker.....	Scarlatina
1881					
Sep. 17...	5, Handel Street	M...	3 years	F Carter.....	Scarlatina
Oct. 21...	30, Lloyd Street	M...	2 years	F Shopkeeper	Rubeola

TYPHUS AND TYPHOID FEVER

Nov. 15...	13, Naylor Street	M...	4 years	F Mechanic	Typhoid fever
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MEASLES

Sep. 19...	16, Marple Street.....	M...	1 year	F Brewer	Measles
Nov. 24...	34, Ravald Street.....	F ...	1 year	F Warehouseman.....	Do.
Dec. 1...	50, Barratt Street.....	F ...	1 year	F Labourer	Do.
„ 23...	30, Wainwright Street.....	F ...	2 years	F Warehouseman.....	Do.

WHOOPIING COUGH

1880					
Dec. 30...	54, Edward Street	F ...	11 months...	F Glass worker	Pertussis
1881					
Mar. 14...	12, Autumn Street	F ...	1 year	F Spinner	Pertussis
„ 15...	65, North Porter Street	F ...	3 years ...	F Joiner.....	Do.
„ 28...	3, Cowlishaw Street.....	F ...	4 months ...	F Maker-up	Do.
Apl. 25...	4, Hibbert's Place.....	M...	1 year	F Tobacco spinner.....	Do.
May 2..	3, Vale Street	M...	2 years	F Overlooker.....	Do.
„ 4...	62, Walker Street.....	F ...	3 years	F Railway porter	Do.
„ 10...	16, Wainwright Street.....	M...	4 years	F Glass worker	Do.
June 1...	27, Ravald Street	M...	1 year	F Mechanic	Do.
Nov. 27...	314, Oldham Road	M...	4 months ...	F Letter carrier	Do.
Dec. 5...	36, Walker Street	M...	3 years	F Iron turner	Do.

DIARRHŒA

Aug. 12...	5, Walker Street	M...	10 months...	F Labourer	Diarrhœa
„ 23...	21, Higham Street	M...	2 months ...	F Packer	Do.
Nov. 8...	54, Lloyd Street	M...	9 weeks.....	F Publican.....	Do.
Dec. 18...	16, Hall Street	F ...	2 years	F Moulder.....	Do.

CAUSES OF DEATH—continued

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Jan. 10...	71, Murray Street	F	3 years	F Stoker	Bronchitis
,, 13...	37, Walker Street	F	42 years	H Carter	Do.
,, 20...	107, Naylor Street	M	49 years	Cabinet maker	Pneumonia
,, 24...	6, Brunswick Street	M	1 year	F Baker	Bronchitis
,, 26	43, Edward Street	F	20 years	H Glass blower	Tuberculosis
,, 31...	17, Mellor Street	F	63 years	H Farm labourer	Bronchitis
,, 31...	14, Ward Street	M	46 years	Mechanic	Do.
,, 31...	56, Walker Street	M	7 months	F Labourer	Pneumonia
Feb. 9...	11, Butler Street	F	51 years	H Cooper	Do.
,, 10...	42, Barratt Street	F	3 months	F Railway labourer	Bronchitis
,, 14...	25, Naylor Street	F	54 years	Widow	Do.
,, 18...	1 Ward Street	F	68 years	H Chair maker	Pneumonia
,, 22...	1, Taylor Street	M	35 years	Baker	Bronchitis
,, 24...	13, Edward Street	F	64 years	Widow	Do.
Mar. 7...	64, Edward Street	F	10 years	F Driller	Consumption
,, 7...	2, Cowlshaw's Buildings	F	2 years	F Engraver	Pneumonia
,, 16...	81, Naylor Street	F	3 years	F Pavior	Bronchitis
,, 16...	6, Brunswick Place	M	42 years	Packer	Pneumonia
Apl. 1...	10, Cowlshaw's Buildings	F	1 year	F Boiler maker	Bronchitis
,, 20...	39, Butler Street	M	8 months	F Foreman	Do.
May 9...	13, Cowlshaw's Buildings	F	53 years	Widow	Do.
,, 11...	30, Barratt Street	F	3 months	F Calenderer	Do.
,, 12...	13, Butler Street	M	1 year	F Butcher	Do.
,, 14...	414, Oldham Road	F	70 years	H Farrier	Do.
,, 17...	2, Pottinger Street	M	1 year	F Railway porter	Do.
,, 19...	22, Brunswick Street	F	52 years	H Plumber	Do.
June 25...	87, Butler Street	M	2 years	F Furniture porter	Congestion
July 1...	16, M'Cormick Street	F	51 years	H Labourer	Bronchitis
,, 5	4, William Lee Street	F	27 years	Machinist	Tuberculosis
Aug. 15...	74, Naylor Street	M	6 years	F Shoemaker	Pneumonia
,, 17...	334, Oldham Road	F	7 months	F Greengrocer	Bronchitis
Sep. 6...	6, Pottinger Street	F	9 months	F Joiner	Do.
,, 6...	16, Beattie Street	M	1 year	F Shoemaker	Pneumonia
,, 24...	2, Blair Street	M	6 weeks	F Pipemaker	Do.
Oct. 4...	16, Marple Street	M	3 years	F Bricklayer	Do.
,, 18...	8, Pottinger Street	F	58 years	Mill hand	Bronchitis
,, 19...	40, Lloyd street	F	62 years	Weaver	Pneumonia
Nov. 8...	6, Steel's Court	M	44 years	Painter	Bronchitis
,, 16...	19, Chandley Street	M	37 years	Labourer	Do.
,, 28...	49, Higham Street	M	11 months	M Mill hand	Do.
Dec. 6...	13, Naylor Street	M	7 months	F Mechanic	Do.
,, 26...	14, Autumn Street	M	2 years	F Labourer	Do.

CAUSES OF DEATH—continued

PLEURISY

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
May 23...	71, Edward Street	F	56 years	H Shoemaker	Pleurisy

LARYNGITIS

Mar. 3 ..	5, Pratley Street	F	3 years	F Hawker	Croup
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CHRONIC BRONCHITIS

Jan. 19 ..	14, Murray Street	F	63 years	H Hawker	Chronic bronchitis
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PHTHISIS PULMONALIS

Jan. 24...	7, Wright Street	F	35 years	Seamstress	Phthisis
„ 26...	49, North Porter Street	M	20 years	Blacksmith	Do.
Mar. 1...	6, Mellor Street	M	50 years	Carter	Do.
May 2...	26, Garratt Street	F	3 months	F Carter	Do.
„ 20..	80, Naylor Street	M	35 years	Basket maker	Do.
July 19...	58, Lloyd Street	F	16 years	Winder	Do.
Oct. 24...	1, Hall Street	F	62 years	Widow	Do.
„ 31...	64, Edward Street	M	20 years	Carter	Do.

INFANTILE TUBERCULOSIS

Mar. 29...	6, Taylor's Court	F	3 years	F Labourer	Tuberculosis
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DISEASES OF NERVOUS SYSTEM

CONVULSIONS, MENINGITIS, HYDROCEPHALUS, &c.

CONVULSIONS

Feb. 12...	28, Naylor Street	M	3 weeks	F Mason	Convulsions
Mar. 23...	5, Pratley Street	F	9 months	F Hawker	Do.
June 6...	14, Ward Street	F	2 weeks	F Dyer	Do.
„ 17...	1, Chandley Street	M	2 weeks	F Mechanic	Do.
July 11...	50, Garratt Street	M	1 year	F Turner	Do.
Aug. 1...	7, Wright Street	M	1 day	F Labourer	Do.
Sep. 24..	24, Berkshire Street	F	7 months	F Labourer	Do.
Oct. 5..	80, Naylor Street	M	6 days	F Packer	Do.
Nov. 12...	6, Edward Street	F	1 year	F Barber	Do.
Dec. 5..	9, Handel Street	M	2 years	F Mill hand	Do.

HYDROCEPHALUS

Mar. 16...	4, North Porter Street	M	1 year	F Pattern maker	Meningitis
Apl. 4...	25, Berkshire Street	F	6 months	F Painter	Do.
„ 6...	60, North Porter Street	F	34 years	H Striker	Do.
Dec. 12...	19, Wainwright Street	F	1 year	F Labourer	Do.

CAUSES OF DEATH—continued

APOPLEXY

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 10...	53, Barratt Street	.....	.....F ...61 years.....	Silk winder	.....Apoplexy

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

Jan. 7...	18, Murray Street	.....	M...1 day.....	F Dyer	.....Exhaustion
Feb. 19...	48, Edward Street	.....	M ..8 months	...F Iron dresser	.....Tabes
Mar. 22...	35, Barratt Street	.....	M...7 months	...F Iron driller	.....Do.
„ 25...	72, Ravald Street	.....	F ...2 months	...F Railway labourer	...Atrophy
Apl. 16...	55, Walker Street	.....	F ...1 year	.....F Carder	.....Debility
„ 20...	29, Mellor Street	.....	F ...3 weeks.....	F Iron driller.....	Marasmus
May 2...	86, Walker Street	.....	M...3 days	.....F Iron turner.....	Debility
„ 9...	10, Ravald Street ..	.....	M...66 years.....	Porter.....	General decay
July 11...	25, Berkshire Street.....	M...70 years...	..	Hawker	.....Senile decay
„ 13...	6, Handel Street	.....	F ...1 year	.....F Tailor	.....Tabes
Aug. 19...	71, Edward Street	.....	F ...1 year	.....F Cabinet maker	.....Marasmus
„ 26...	3, Hall's Court	.....	M...1 year	.....F Labourer	.....Do.
Sep. 26...	16, Vale Street	.....	M...10 weeks	...F Winder	.....Debility
Nov. 18...	39, Butler Street	.....	M...13 years.....	F Mill hand	.....Purpura hæmorrhage
Dec. 4...	21, Iles Street	.....	F ...9 months	...F Picture frame maker	Marasmus

PREMATURE BIRTH

July 9...	67, Lloyd Street	.....	F ...1 day	.....F Mechanic	.....Premature birth
Sep. 1...	10, Barratt Street	.....	F ...5 weeks	.....F Ironworker.....	Do.

DISEASES OF HEART

May 7...	2, Cowlshaw Street.....	F ...50 years.....	Widow	.....Morbus cordis
June 27...	3, Cowlshaw's Buildings.....	F ...69 years.....	H Railway labourer	...Do.

DISEASES OF BRAIN

Jan. 11...	6, M'Cormick Street	.....	F ...30 years.....	H Labourer	.....Cerebral disease
Feb. 23...	57, Edward Street	.....	M...12 years.....	F Surgeon	.....Softening of brain
June 29...	20, Garratt Street	.....	M...71 years.....	Chemist	.....Syncope
Dec. 12...	370, Oldham Road	.....	M...72 years.....	Clogger	.....Cerebral disease

DISEASES OF SPINE, &c.

Mar. 14...34, Barratt Street.....	M...6 yearsF GrinderDisease of hip	
Nov. 7...28, Murray Street F ...13 years.....	F PainterSpinal disease

CAUSES OF DEATH—continued

DISEASES OF LIVER

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Dec. 31...	392, Oldham Road	M...	2 months	...F Moulder.....	Suppression of bile
1881					
Oct. 3...	10, Brunswick Street	M...	65 years.....	Packer	Cirrhosis of liver

DISEASES OF BOWELS

Jan. 11...	11, Berkshire Street.....	F ...	1 year	.....F Striker	Enteritis
Feb. 26...	6, Pratley Street ...	M...	2 months	...F Warehouseman	Do.
Mar. 8 ..	19, Raval Street	F ...	6 months	...F Engine driver	Do.
„ 16...	61, Raval Street	M...	8 months	...F Packer	Do.
Apl. 2...	5, Wainwright Street .	M...	8 months	...F Striker	Do.
„ 19...	27, Higham Street	F ...	3 years	.....F Clogger	Struma
May 24...	47, Raval Street	F ...	1 day	.....F Driller	Intestinal obstruction
Aug. 29...	67, Lloyd Street . .	F ...	40 years.....	H Mechanic	Peritonitis

PARALYSIS

May 16...	388, Oldham Road	F ...	58 years...	..H Greengrocer	Hemiplegia
„ 26...	73, North Porter Street	M...	46 years.....	Bricklayer	Paralysis
Sep. 12...	74, Edward Street.....	M...	55 years.....	Greengrocer ...	Do.

ULCERS

Jan. 25...	5, Brunswick Street	F ...	29 years.....	H Tailor	Gastric ulcer
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DENTITION

Feb. 4...	9, Lloyd Street.....	M...	10 months...	F Gas worker.....	Dentition
Sep. 14...	12, North Porter Street	M...	1 yearF Baker	Do.
Oct. 31...	5, Reather's Court	M...	1 year	.....F Labourer	Do.

CORONER'S INQUESTS

Jan. 15...	1, Steel's Court	F ...	73 years.....	Taxidermist	Natural causes
Mar. 1...	10, Blair Street	F ...	63 years.....	H Lamplighter	Do.
„ 10...	29, Wainwright Street	M...	64 years.....	Engine driver	Do.
„ 24...	21, Brunswick Street	M...	3 years	.....F Painter ...	Tuberculosis
June 14...	43, Edward Street	M...	66 years.....	Carder	Disease of heart
„ 28...	1, Beckett Street	F ...	62 years.....	H Labourer	Natural causes
July 5..	15, Wright Street	M...	2 days.....	F Labourer	Do.
Dec. 15...	22, Vale Street	M...	1 month	.. F Labourer	Do.
„ 17...	14, Autumn Street	M...	36 years.....	Labourer	Internal hæmorrhage

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	13·28	Diseases of debility, asthenia,	
Scarlet fever	2·09	atrophy, debility, tabes	
Typhus and typhoid fever ..	·69	mesenterica, marasmus,	
Measles	2·79	inanition, wasting, &c....	10·48
Whooping cough	7·69	Premature birth	1·39
Diarrhœa	2·79	Diseases of heart	1·39
Diseases of lungs	37·06	Diseases of brain	2·79
Pneumonia and acute bron-		Diseases of spine, &c.	1·39
chitis	29·37	Diseases of liver	1·39
Laryngitis	·69	Diseases of bowels	5·59
Chronic bronchitis	·69	Paralysis	2·09
Phthisis pulmonalis	5·59	Ulcers	·69
Infantile tuberculosis	·69	Dentition	2·09
Diseases of the nervous system,		Inquests	6·29
convulsions, meningitis,			
hydrocephalus, &c.	10·48		
Convulsions	6·99		
Hydrocephalus	2·79		
Apoplexy	·69		







PROPORTION OF DEATHS *to 1,000 of population*

Zymotic diseases	2·85	Diseases of debility, asthenia,	
Scarlet fever	·45	atrophy, debility, tabes	
Typhus and typhoid fever ..	·15	mesenterica, marasmus,	
Measles	·60	inanition, wasting, &c. ...	2·25
Whooping cough	1·65	Premature birth	·30
Diarrhœa	·60	Diseases of heart	·30
Diseases of lungs	7·96	Diseases of brain	·60
Pneumonia and acute bron-		Diseases of spine, &c.	·30
chitis	6·31	Diseases of liver	·30
Laryngitis	·15	Diseases of bowels	1·20
Chronic bronchitis.....	·15	Paralysis	·45
Phthisis pulmonalis	1·20	Ulcers	·15
Infantile tuberculosis	·15	Dentition	·45
Diseases of nervous system,		Inquests	1·35
convulsions, meningitis,			
hydrocephalus, &c.	2·25		
Convulsions	1·50		
Hydrocephalus	·60		
Apoplexy	·15		

REGISTRATION SUB-DISTRICT
ANCOATS.

SANITARY DISTRICT NO. 4.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

- | | |
|---|---|
| HOUSES BUILT BEFORE 1830 |  |
| " " " 1850 |  |
| " " " 1870 |  |
| " " SINCE 1870 |  |
| " CONDEMNED |  |
| PUBLIC BUILDINGS, MILLS, WAREHOUSES, &c. |  |
| PUBLIC HOUSES | X |



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 4

BOUNDARIES

Oldham Road Garratt Street Varley Street
 City Boundary or Newton Brook

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 4 SANITARY DISTRICT

Number 22

„ 23

„ 24

These sanitary sub-districts are co-equal with the enumeration, or enumerators' districts, into which the registration sub-district was divided for the purpose of the census in 1871.

No. 4 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING FROM THE NORTHERN PART OF THE DISTRICT TO THE SOUTH :—

Oldham Road	Sycamore Street
Tib Place	Argyll Street
Varley Street	Mansfield Street
Kay's Yard	Walker Street
Court behind 516 Oldham Road	Trickett's Place
Livesey's Court	Ardley Street
Willow Street	Trickett's Buildings
Winstanley Place	Brookside
Black Street	Watmough Street
Back Black Street	Wilson Street
Lime Street	Ravald Street
Back Lime Street	Janet Street
Ebony Street	Lavender Street
Fir Street	Edward Street
Poplar Street	Hardman Street
Lower Back Ash Street	Dixon Street
Back Poplar Street	Eagle Street
Ash Street	Hayes Yard, Garratt Street
Sycamore Street	Elm Street
No. 1 Passage, Ash Street	Hurst's Court
Garratt Street	

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Oldham Road	130	0	Winstanley Place.....	24	0
Varley Street	41	6	Ardsley Street	23	10
Edward Street	36	0	Argyll Street	23	10
Ravald Street	35	10	Ebony Street	23	10
Garratt Street	35	6	Lavender Street	23	10
Janet Street	30	0	Poplar Street	23	7
Walker Street	29	10	Black Street.....	23	6
Wilson Street	27	2	No. 1 Passage, Ash Street	23	6
Hayes Yard	26	6	Sycamore Street	23	6
Elm Street	24	10	Ash Street	23	4
Dixon Street	24	6	Back Lime Street.....	21	11
Eagle Street.....	24	4	Sycamore Street	21	8
Hardman Street	24	2	Court behind 516 Oldham		
Mansfield Street	24	2	Road	20	4
Trickett's Place	24	2	Back Black Street	15	10
Watmough Street	24	2	Livesey Street Court	13	7
Back Poplar Street	24	0	Tib Place	12	10
Fir Street.....	24	0	Hurst's Court	10	6
Lime Street	24	0	Brookside	9	6
Trickett's Buildings	24	0	Kay's Yard	7	10
Willow Street	24	0	Lower Back Ash Street ...	5	1

THE STREETS ARRANGED ALPHABETICALLY

Ardsley Street	Kay's Yard, Oldham Road
Argyll Street	Lavender Street
Ash Street	Line Street
Back Black Street	Livesey Place, Oldham Road
Back Lime Street	Lower Back Ash Street
Back Poplar Street	Mansfield Street
Black Street	No. 1 Passage, Ash Street
Brookside	Oldham Road
Court behind 516 Oldham Road	Poplar Street
Dixon Street	Ravald Street
Eagle Street	Sycamore Street
Ebony Street	Tib Place
Edward Street	Trickett's Buildings, Walker Street
Elm Street	Trickett's Place, Walker Street
Fir Street	Varley Street
Garratt Street	Walker Street
Hardman Street	Watmough Street
Hayes Yard, Garratt Street	Willow Street
Hurst's Court	Wilson Street
Janet Street	Winstanley Place

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Oldham Road and Lime Street	195	1
„ „ Oldham Road and Garratt Street	192	5

SEWERS

The subsoil underlying the district is clay deposited on coal seams and other rocks.

The slope of the district is from Oldham Road towards Newton Brook, which forms the municipal boundary. The whole of the sewer system consequently flows into this brook.

The largest sewer in the district is the Garratt Street sewer. It receives the flow from Edward Street, with its tributaries, Eagle Street, Dixon Street, and Hardman Street; also the flow from Ravalld Street, with its tributary, Ardsley Street. It then flows directly into the Newton Brook.

The Sycamore Street sewer runs along Sycamore Street, receiving the flow of Elm Street and Argyll Street. It then flows into the Newton Brook.

The Ash Street sewer receives the flow of Poplar Street from the north and south, and runs along Ash Street into the Newton Brook.

The Lime Street sewer runs along Lime Street, receiving the flow from its tributary, Black Street, from thence directly joining Newton Brook.

HOUSES

A third part of the houses in this district were built before 1830, one-third before 1850, and the remaining third before 1870.

There are several back-to-back houses in the district, most of the property so built being old.

The width of the streets varies from 41ft. to 5ft. 1in., the greater number of them being about 23ft. in width. They were mostly erected before the Bye-laws of the Council of the city of Manchester (1868) came in force, these bye-laws requiring a width of 30ft. for every street after the date thereof the houses in which shall not exceed two storeys. Each house erected since 1868 has an open yard or area, containing at least 70 square feet, in accordance with bye-law numbered 14.

The passages vary in width; those passing through newly erected property are wide, but the passages of the property which was built prior to 1868 are narrow, and the spaces between the backs of the houses are small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars as a rule, and have no ventilating space under the floors. They rise directly from the ground. The outside walls are 9in. thick and the inside walls are $4\frac{1}{2}$ in. thick.

In 1881 the streets enumerated within the district contained, according to the Overseers' books, 626 houses, of which 33 were unoccupied, leaving 593 as inhabited houses.

PLACES OF WORSHIP

Baptist Church	Elm Street
Wesleyan Mission Chapel	Elm Street
St. John's Church of England	Oldham Road

SCHOOLS

Wesleyan Day and Sunday School	Elm Street
Baptist Sunday School	Elm Street
St. John's Day and Sunday School	Fir Street

WORKS

W. H. Mather, Lamb Brewery	Elm Street
Robert Fielding, Card-cutting Works	Sycamore Street
Z. Devoye, Jacquard Machine Works	Sycamore Street

POPULATION

The average number of persons per house for the entire city	
of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats	4·76
As No. 4 Sanitary District contained, according to the Overseers' books for the current year, 593 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants.	2,970
Multiplied by 4·93 the number will be	2,923
Multiplied by 4·76 the number will be	2,822
The mean of these three estimates is	2,905

which will tolerably represent the population of the district.

The houses are inhabited by the industrial classes.

MORTALITY

From 30th December, 1880, to 28th December, 1881, the total number of deaths in the district from all causes, in the homes of the people, was 77.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 77 deaths would give a rate per 1,000 of	25·92
According to the township rate of occupation	26·34
According to the registration sub-district rate	27·28
The mean of these three estimates	26·50

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 30...	20, Lavender Street.....	F	...2 weeks.....	F Railway checker	...Phlebitis
„ 30...	16, Ash Street	M	...26 years.....	Chair maker	Cirrhosis
1881					
Jan. 3...	436, Oldham Road	F	...36 years.....	H Warehouseman	Phthisis
„ 3...	23, Garratt Street.....	M	...9 months ...	F Mechanic	Pneumonia
„ 10...	125, Ravald Street	M	...1 year	F Warehouseman	Congestion of lungs
„ 11...	85, Walker Street.....	F	...34 years.....	H Knocker-up	Phthisis
„ 12...	22, Sycamore Street	M	...57 years.....	Cotton overlooker...	Do.
„ 17...	45, Fur Street	M	...3 years	F Tobacco pipe maker.	Pneumonia
„ 17...	16, Trickett's Buildings	F	...63 years.....	H Coffee mill maker...	Bronchitis
„ 19...	9, Garratt Street	F	...4 months ...	F Gas worker.....	Hydrocephalus
„ 20...	19, Janet Street	F	...62 years.....	H Watchman	Natural causes
„ 21...	532, Oldham Road	M	...58 years.....	Publican... ..	Enlargement of liver
„ 22...	3, Eagle Street	F	...48 years.....	Widow	Bronchitis
„ 26...	10, Eagle Street	M	...1 year	F Cotton overlooker...	Do.
„ 27...	108, Ravald Street	M	...65 years.....	Iron moulder.....	Do.
Feb. 1...	9, Mansfield Street	M	...7 months ...	F Labourer	Convulsive fit
„ 15...	55, Ash Street	F	...22 years.....	H Tobacco pipe maker.	Phthisis
„ 17...	48, Sycamore Street.....	F	...2 years	F Labourer	Convulsions
„ 21...	14, Lavender Street.....	M	...2 years	F Tobacco pipe maker.	Abscess pyæmia
Mar. 4...	16, Hardman Street.....	M	...7 months ...	F House painter	Meningitis
„ 11...	77, Garratt Street	M	...3 years	F Gas fitter	Tuberculosis
„ 22...	77, Garratt Street.....	F	...8 months ...	F Gas fitter	Pertussis
„ 24...	140, Edward Street	F	...1 year	F Tinplate worker.....	Marasmus
„ 26...	11, Dixon Street	F	...2 weeks.....	F Warehouse porter...	Debility
„ 28...	16, Hardman Street.....	M	...1 year	F House painter	Measles
„ 29...	446, Oldham Road	M	...11 months...	F Greengrocer	Erysipelas
Apl. 2...	Trickett's Place	F	...52 years.....	Widow	Bronchitis
„ 4...	102, Oldham Road	M	...2 weeks.....	F Provision dealer ...	Marasmus
„ 7...	89, Garratt Street	F	...1 year	F Cotton spinner	Morbilli
„ 7...	470, Oldham Road	M	...84 years.....	Joiner	Bright's disease
„ 11...	14, Wilson Street.....	M	...18 years.....	Iron turner.....	Bronchitis

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 12...65,	Sycamore Street.....	M...	9 months	...F Gas meter maker	...Pneumonia
„ 13...131,	Edward Street	M...	1 year	.....F Joiner.....	Pertussis
„ 18...10,	Lime Street.....	M...	79 years	... Cotton weaver	Natural decay
„ 18...10,	Willow Street.....	M...	4 months	...M Domestic servant	...Debility
„ 20...2,	Tib Place	M...	53 years...	.. Pork butcher.....	Tabes
„ 25...4,	Thomas Street	M...	44 years.....	Blacksmith.....	Pneumonia
„ 25...11,	Sycamore Place	M...	5 months	...F Railway porter	Cyanosis
May 12...17,	Sycamore Street.....	F ...	5 months	..F Maker-up	Measles
„ 19...6,	Eagle Street	M...	50 years.....	Engine cleaner	Disease of lungs
„ 24...6,	Janet Street	M...	60 years.....	Engine fitter	Pleuro-pneumonia
June 2...29,	Lime Street.....	M...	64 years.....	Bricklayer.....	Phthisis
„ 11...456,	Oldham Road	M...	16 years.....	Cotton carder	Hip joint disease
„ 27...98,	Edward Street	F ...	18 years	....F Maker-up	Diphtheria
July 4...16,	Willow Street.....	...M...	8 months	...F Forgeman	Convulsions
„ 11...87,	Garratt Street.....	F ...	5 years	....F Mechanic	Tabes
„ 13...14,	Willow Street.....	M...	1 year	.....F Shoemaker.....	Dentition
„ 13...86,	Ravald Street	M...	2 weeks	....F Labourer	Convulsions
„ 25...18,	Wilson Street	M...	51 years.....	Mechanic	Pneumonia
„ 28...59,	Ash Street	F ...	6 months	...F Tobacco pipe maker.	Atrophy
Aug. 1...512,	Oldham Road	M...	11 months...	F Butcher	Measles
„ 5...11,	Lavender Street.....	M...	11 weeks	...F Brush maker.....	Convulsions
„ 26...10,	Lavender Street	M...	1 year	.....F Chemic worker.....	Diarrhœa
„ 31...105,	Edward Street	M...	7 months	...F Bookkeeper	Congestion of lung
Sep. 13...31,	Lime Street	F ...	37 years.....	H Cotton mill stoker...	Phthisis
„ 14...4,	Janet Street	F ...	10 months...	F Mechanic	Diarrhœa
„ 17...26,	Lavender Street.....	M...	5 weeks	....M Domestic servant	...Convulsions
„ 24...2,	Kay's Yard.....	F ...	52 years.....	Widow of cooper...	Natural causes
Oct. 5...45,	Lime Street	F ...	4 months	...F Labourer	Atrophy
„ 10...13,	Elm Street	M	4 months	...F Iron turner.....	Intestinal irritation
„ 31...28,	Lime Street.....	F ...	3 months	...F Mill hand	Atrophy
„ 31...64,	Sycamore Street.....	F ...	7 months	...F Mill hand	Marasmus
Nov. 1...8,	Eagle Street	F ...	72 years.....	Silk warper	.....Hemiplegia
„ 5...18,	Hardman Street.....	M...	1 year.....	F Striker	Croup
„ 7...4,	Dixon Street.....	M..	8 months	...F Labourer	Marasmus
„ 11 ..5,	Mansfield Street	M...	2 years	.....F Labourer	Croup
„ 19...53,	Sycamore Street.....	M...	8 months	...F Joiner.....	Bronchitis
„ 19...63,	Garratt Street...	F ...	10 months...	F Cooper	Do.
„ 29...67,	Sycamore Street.....	F ...	43 years	...H Tobacco pipe maker.	Peritonitis
Dec. 10...2,	Lime Street	F ...	74 years	...H Labourer.....	Natural causes
„ 13...5,	Mansfield Street	M...	14 days	....F Labourer	Premature birth
„ 15...34,	Ash Street .....	...M...	36 years.....	Maker-up	Bronchitis
„ 20...25,	Sycamore Street.....	F ...	55 years.....	H Warehouseman.....	Do.
„ 23...37,	Ash Street	M...	5 months	...F Baker.....	Tuberculosis
„ 27...132,	Edward Street	M...	3 years	....F Lamplighter	Convulsions
„ 28...462,	Oldham Road	M...	54 years.....	Machinist	Asthma
„ 28...24,	Watmough Street	M...	1 year	.....F Labourer	Croup

AGE AT DEATH

All under 1 year	30	
„ 2 years	40	
„ 3 „	43	
„ 4 „	46	
„ 5 „	46	= 46
Between 5 and 10 years		1
„ 10 „ 20 „		3
„ 20 „ 30 „		2
„ 30 „ 40 „		4
„ 40 „ 50 „		3
„ 50 „ 60 „		9
„ 60 „ 70 „		5
„ 70 „ 80 „		3
„ 80 „ 90 „		1
Total deaths.....		<u>77</u>

DEATHS PER 100 *of the total number of deaths at different ages*

Under 1 year	38·96	Under 4 years	59·74
„ 2 years	51·94	„ 5 „	59·74
„ 3 „	55·84		
Between 5 and 10 years	1·29	Between 50 and 60 years ...	11·68
„ 10 „ 20 „	3·89	„ 60 „ 70 „ ...	6·49
„ 20 „ 30 „	2·59	„ 70 „ 80 „ ...	3·89
„ 30 „ 40 „	5·19	„ 80 „ 90 „ ...	1·29
„ 40 „ 50 „	3·89		

DEATHS PER 1,000 *of the mean population (2,905) at different ages*

Under 1 year	10·32	Under 4 years	15·83
„ 2 years	13·76	„ 5 „	15·83
„ 3 „	14·80		
Between 5 and 10 years	·34	Between 50 and 60 years ...	3·09
„ 10 „ 20 „	1·03	„ 60 „ 70 „ ...	1·72
„ 20 „ 30 „	·68	„ 70 „ 80 „ ...	1·03
„ 30 „ 40 „	1·37	„ 80 „ 90 „ ...	·34
„ 40 „ 50 „	1·03		

CAUSES OF DEATH

ZYMOTIC DISEASES

MEASLES

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 28...	16, Hardman Street.....	M...	1 year	F Painter	Measles
Apl. 7...	89, Garratt Street	F ...	1 year	F Spinner	Morbilli
May 12...	17, Sycamore Street.....	F ...	5 months ...	F Packer	Measles
Aug. 1...	512, Oldham Road	M...	11 months...	F Butcher	Do.

WHOOPIING COUGH

Mar. 22...	77, Garratt Street.....	F ...	8 months ...	F Gas fitter	Pertussis
Apl. 13...	131, Edward Street	M...	1 year	F Joiner	Do.

DIPHTHERIA

June 22...	98, Edward Street	F ...	18 years.....	F Packer	Diphtheria
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DIARRHŒA

Aug. 26...	10, Lavender Street.....	M...	1 year	F Chemic worker.....	Diarrhœa
Sep. 14...	4, Janet Street	F ...	10 months...	F Mechanic	Do.

DISEASES OF LUNGS

Jan. 3...	23, Garratt Street.....	M...	9 months ...	F Mechanic	Pneumonia
„ 10...	125, Ravald Street	M...	1 year	F Warehouseman	Congestion
„ 17...	45, Fir Street	M...	3 years	F Pipe maker	Pneumonia
„ 17...	16, Trickett's Buildings	F ...	63 years.....	H Mechanic	Bronchitis
„ 22...	3, Eagle Street	F ...	48 years.....	Widow	Do.
„ 26...	10, Eagle Street	M...	1 year	F Overlooker.....	Do.
„ 27...	108, Ravald Street	M...	65 years.....	Moulder	Do.
Apl. 2...	Trickett's Place	F ...	52 years.....	Widow	Do.
„ 11...	14, Wilson Street	M...	18 years.....	Iron turner.....	Do.
„ 12...	65, Sycamore Street.....	M...	9 months ...	F Meter maker	Pneumonia
„ 25...	4, Thomas Street	M...	44 years.....	Blacksmith.....	Do.
May 24...	6, Janet Street	M...	60 years.....	Fitter	Do.
July 25...	18, Wilson Street	M...	51 years.....	Mechanic	Do.
Aug. 31	105, Edward Street	M...	7 months ...	F Bookkeeper	Congestion
Nov. 19...	53, Sycamore Street.....	M...	8 months ...	F Joiner	Bronchitis
„ 19...	63, Garratt Street	F ...	10 months...	F Cooper	Do.
Dec. 15...	34, Ash Street	M...	36 years.....	Packer	Do.
„ 20...	25, Sycamore Street	M...	55 years	Warehouseman	Do.

LARYNGITIS

Nov. 5...	18, Hardman Street..	M...	1 year	F Striker	Croup
„ 11...	5, Mansfield Street	M...	2 years	F Labourer	Do.
Dec. 28...	24, Watmough Street	M...	1 year	F Labourer	Do.

CAUSES OF DEATH—continued

CHRONIC BRONCHITIS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Dec. 28...	462, Oldham Road	M...	54 years.....	Machinist	Asthma

PHTHISIS PULMONALIS

Jan. 3...	436, Oldham Road	F ...	36 years.....	H Warehouseman	Phthisis
„ 11...	85, Walker Street	F ...	34 years.....	H Knocker-up	Do.
„ 12...	22, Sycamore Street	M...	57 years.....	Overlooker... ..	Do.
Feb. 15...	55, Ash Street	F ...	22 years.....	H Pipe maker	Do.
June 2...	29, Lime Street	M...	64 years.....	Bricklayer	Do.
Sep. 13...	31, Lime Street	F ...	37 years.....	H Stoker.....	Do.

INFANTILE TUBERCULOSIS

Mar. 11...	77, Garratt Street	M...	3 years	F Gas fitter	Tuberculosis
Dec. 23...	37, Ash Street	M...	5 months ...	F Baker.....	Do.

DISEASES OF NERVOUS SYSTEM

CONVULSIONS, MENINGITIS, HYDROCEPHALUS, &c.

CONVULSIONS

Feb. 17...	48, Sycamore Street.....	F ...	2 years	F Labourer	Convulsions
July 4...	16, Willow Street	M...	8 months ...	F Forgeman	Do.
„ 13...	86, Ravald Street.....	M...	2 weeks.....	F Labourer	Do.
Aug. 5...	11, Lavender Street	M...	11 weeks ...	F Brush maker.....	Do.
Sep. 17...	26, Lavender Street	M...	5 weeks	M Domestic servant...	Do.
Dec. 27...	132, Edward Street.....	M .	3 years	F Lamplighter	Do.

HYDROCEPHALUS

Jan. 19...	9, Garratt Street	F ...	4 months ...	F Gas worker.....	Hydrocephalus
Mar. 4...	16, Hardman Street	M...	7 months ...	F Painter	Meningitis

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

1880					
Dec. 30...	20, Lavender Street	F ...	2 weeks	F Railway checker ...	Phlebitis
1881					
Mar. 24...	140, Edward Street	F ...	1 year	F Tinplate worker ...	Marasmus
„ 26...	11, Dixon Street	F ...	2 weeks.....	F Warehouseman	Debility
Apl. 4...	102, Oldham Road	M...	2 weeks.....	F Provision dealer ...	Marasmus
„ 18 .	10, Lime Street.....	M...	79 years	Weaver	Natural decay
„ 18...	10, Willow Street.....	M...	4 months ...	M Domestic servant ...	Debility
„ 20...	2, Tib Place	M...	53 years	Butcher	Tabes
July 11...	87, Garratt Street.....	M...	5 years	F Mechanic	Do.
„ 28...	59, Ash Street	F ...	6 months ...	F Pipe maker.....	Atrophy
Oct. 5...	45, Lime Street	F ...	4 months ...	F Labourer	Do.
„ 31...	28, Lime Street	F ...	3 months ...	F Mill hand	Do.
„ 31...	64, Sycamore Street	F ...	7 months ...	F Mill hand	Marasmus
Nov. 7...	4, Dixon Street	M...	8 month ...	F Labourer	Do.

CAUSES OF DEATH—continued

PREMATURE BIRTH

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Dec. 13...	5, Mansfield Street	M...	2 weeks	F Labourer	Premature birth

DISEASES OF HEART

Feb. 21...	14, Lavender Street	M...	2 years	F Pipe maker	Pyæmia
Apl. 25...	11, Sycamore Place	M...	5 months	F Railway porter	Cyanosis

DISEASE OF BRAIN

Mar. 29...	446, Oldham Road	M...	11 months	F Greengrocer	Erysipelas
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DISEASES OF KIDNEYS

1880					
Dec. 30...	16, Ash Street	M...	26 years	Chair maker	Cirrhosis
1881					
April 7...	470, Oldham Road	M...	84 years	Joiner	Bright's disease

DISEASE OF LIVER

Jan. 21...	532, Oldham Road	M...	58 years	Publican	Enlargement of liver
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DISEASES OF HIP

June 11...	456, Oldham Road	M...	16 years	Cotton carder	Hip joint disease
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DISEASES OF BOWELS

Oct. 10...	13, Elm Street	M...	4 months	F Turner	Intestinal irritation
Nov. 29...	67, Sycamore Street	F	43 years	H Pipe maker	Peritonitis

PARALYSIS

Nov. 1...	8, Eagle Street	F	72 years	Warper	Hemiplegia
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DENTITION

July 13...	14, Willow Street	M...	1 year	F Shoemaker	Dentition
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CORONER'S INQUESTS

Jan. 20...	19, Janet Street	F	62 years	H Watchman	Natural causes
Feb. 1...	9, Mansfield Street	M...	7 months	F Labourer	Convulsions
May 19..	6, Eagle Street	M...	50 years	Engine cleaner	Disease of lungs
Sep. 24...	2, Kay's Yard	F	52 years	Widow	Natural causes
Dec. 10...	2, Lime Street	F	74 years	H Labourer	Do.

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	9·09	Diseases of debility, asthenia,	
Measles	5·19	atrophy, debility, tabes	
Whooping cough	2·59	mesenterica, marasmus,	
Diphtheria.....	1·29	inanition, wasting, &c....	16·88
Diarrhœa	2·59	Premature birth	1·29
Diseases of lungs	38·96	Diseases of heart	2·59
Laryngitis	3·89	Diseases of brain	1·29
Chronic bronchitis	1·29	Diseases of kidneys	2·59
Pthisis pulmonalis.....	7·79	Diseases of liver	1·29
Infantile tuberculosis	2·59	Diseases of bowels	2·59
Diseases of the nervous system,		Paralysis	1·29
convulsions, meningitis,		Dentition	1·29
hydrocephalus, &c.	10·38	Coroner's inquests.....	6·49
Convulsions	7·79		
Hydrocephalus	2·59		

PROPORTION OF DEATHS PER 1,000 *of population or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	2·40	Diseases of debility, asthenia,	
Measles	1·37	atrophy, debility, tabes	
Whooping cough	·68	mesenterica, marasmus,	
Diphtheria.....	·34	inanition, wasting, &c. ...	4·47
Diarrhœa	·68	Premature birth	·34
Diseases of lungs	10·32	Diseases of heart	·68
Laryngitis	1·03	Diseases of brain	·34
Chronic bronchitis	·34	Diseases of kidneys	·68
Phthisis pulmonalis	2·06	Diseases of liver	·34
Infantile tuberculosis	·68	Diseases of bowels	·68
Diseases of nervous system,		Paralysis	·34
convulsions, meningitis,		Dentition	·34
hydrocephalus, &c.	2·75	Coroner's inquests.....	1·72
Convulsions	2·06		
Hydrocephalus	·68		

REGISTRATION SUB-DISTRICT ANCOATS.

SANITARY DISTRICT NO. 5.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

- HOUSES BUILT BEFORE 1830
- " " " 1850
- " " SINCE 1850
- MILLS, WAREHOUSES, CHURCHES, &c.
- TAVERNS AND PUBLIC HOUSES
- CONDEMNED HOUSES



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 5

BOUNDARIES

Great Ancoats Street	Boslam Street
Union Street	Gray Street
New Union Street	Kirby Street
Bradford Street	Mill Street

SANITARY SUB-DISTRICTS INCLUDED WITHIN NO. 5 SANITARY DISTRICT

Number 35	Number 39
„ 36	„ 40
„ 37	„ 47
„ 38	

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

NO. 5 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING
FROM GREAT ANCOATS STREET TO BRADFORD STREET:—

Great Ancoats Street	Fawcett Street
Union Street	Wood's Buildings, Fawcett Street
Henry Street, Alum Street	Willoughby's Court, St. Thomas Street
Burton's Court, Henry Street	Back Fawcett Street
Alum Street	No. 1 Passage, St. Thomas Street
Cotton Street, Alum Street	John Street
Pickford Street, Alum Street	Wharf Street
No. 1 Court, Alum Street	Pott Street
No. 2 Court, Alum Street	No. 1 Court, Pott Street
No. 3 Court, Alum Street	Pott Street Court
St. Thomas Street	Dimity Street, Great Ancoats Street
Back Cotton Street	Brook Street
Little Newton Street	Mason's Court, Brook Street
Waterloo Court, Little Newton Street	Darlington's Buildings, Canal Street
Court behind 46 Little Newton Street	Canal Street
Smith's Court, Back Cotton Street	Mill Street
Baker Street, St. Thomas Street	Grammar Street
Baker's Court, St. Thomas Street	Back Factory Street
	Porter's Court, Back Mill Street

Back Mill Street
 Ebenezer Court
 Arthur Court, Back Mill Street
 Hadfield Court, Back Factory Street
 Barratt's Place, Wharf Street
 Lower Canal Street
 Caroline Street
 Pole Street
 Back Coates Street
 Coates Street
 Beatson Street
 Back Beatson Street
 Sandford Place
 Sandford Street
 Coal Street
 No. 1 Passage, Sandford Street
 Back Pott Street
 Spinner Street
 Horne Street
 Horne's Place
 Horne Court, St. Jude's Place
 Baker Street

Short Street
 New Union Street, New Islington
 Slate Street, Sebastopol Street
 Gray Street
 Whalley Street
 Greenhough's Court
 Riley Street
 Marsh Street
 Back Kirby Street
 Kirby Street
 Back Tavery Street
 Tavery Street
 Barrow's Court, Whalley Street
 Fitzpatrick's Court, Whalley Street
 Bradford Street
 Wood's Court, Whalley Street
 Sutton Street
 Back Whalley Street
 Back Sutton Street
 Boslam Street
 Warren's Court, Canal Street

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH.

	ft.	in.		ft.	in.
Great Ancoats Street	58	9	John Street	26	6
New Islington	42	0	Horne Court.....	25	6
New Union Street	41	7	Sutton Street	24	6
Kirby Street.....	36	10	Slate Street	24	4
Wharf Street	36	6	Beatson Street	24	0
Canal Street.....	36	0	Boslam Street	24	0
Gray Street	35	6	Horne's Place	24	0
Mill Street	35	3	Grammar Street	23	10
Bradford Street	35	0	Horne Street	23	10
Union Street	30	2	Marsh Street	23	9
Little Newton Street	29	10	John Street	20	10
Short Street, Pott Street...	29	10	Pott Street	20	10
Tavery Street	29	7	Greenhough's Court.....	20	9
Henry Street	28	9	Sandford Street	20	9
Wharf Street	26	9	Alum Street	20	0
Fawcett Street.....	26	6	Back Kirby Street	18	7

	ft.	in.		ft.	in.
Back Pott Street	18	6	Pott Street Court	13	4
No. 1 Court, Back Pott Street	18	6	Waterloo Court, Little Newton Street	12	10
Back Factory Street	18	2	Fitzpatrick's Court	12	0
Baker Street.....	18	2	Porter's Court	12	0
Caroline Street.....	18	2	Wood's Court	12	0
Coates Street	18	2	Warren's Court, Canal Street	11	9
Lower Canal Street	18	2	Sandford Place.....	11	7
Back Mill Street	18	0	Hadfield's Court	10	2
Riley Street	18	0	No. 1 Passage, Sandford Street	10	0
Back Beatson Street	17	10	Darlington's Buildings, Canal Street.....	8	10
Back Cotton Street	17	10	Ebenezer Court	8	10
Back Factory Street.....	17	10	Back Whalley Street	8	8
Coal Street	17	10	No. 3 Court, Alum Street.	8	4
Cotton Street	17	10	Barrow's Court.....	8	2
Spinner Street	17	10	Arthur's Court.....	7	10
Whalley Street.....	17	10	Back Tavery Street	7	10
Back Sutton Street	17	9	Burton's Court, Henry St.	7	10
Pickford Street.....	17	9	Back Fawcett Street	7	6
St. Thomas Street	17	9	Smith's Court, Back Cotton Street	6	10
Brook Street	17	6	Baker's Court, Baker Street	6	0
Back Kirby Street	16	10	Barratt's Place	6	0
Sebastopol Street.....	16	8	Baker Street, St. Thomas Street	5	0
Pole Street	15	9	Mason's Court	4	10
Willoughby's Court, St. Thomas Street.....	15	6	No. 1 Passage, St. Thomas Street	3	8
Dimity Street	15	4			
Back Coates Street	15	0			
Riley Street.....	14	10			
Court behind 46 Little Newton Street	13	6			

THE STREETS ARRANGED ALPHABETICALLY

Alum Street	Back Kirby Street
Arthur's Court, Back Mill Street	Back Mill Street
Back Beatson Street	Back Pott Street
Back Coates Street	Back Sutton Street
Back Cotton Street	Back Tavery Street
Back Factory Street	Back Whalley Street
Back Fawcett Street	Baker Street, New Islington

Baker Street, St. Thomas Street	Mill Street
Baker's Court, St. Thomas Street	New Islington
Barratt's Place, Wharf Street	New Union Street
Barrow's Court, Whalley Street	No. 1 Court, Alum Street
Beatson Street	No. 2 Court, Alum Street
Boslam Street	No. 3 Court, Alum Street
Bradford Street	No. 1 Court, Pott Street
Brook Street	No. 1 Passage, Sandford Street
Burton's Court, Henry Street	No. 1 Passage, St. Thomas Street
Canal Street	Pickford Street, Alum Street
Caroline Street	Pole Street
Coal Street	Porter's Court, Back Mill Street
Coates Street	Pott Street
Cotton Street, Alum Street	Pott Street Court
Court behind 46 Little Newton Street	Riley Street
Darlington's Buildings, Canal Street	St. Jude's Place
Dimity Street, Great Ancoats Street	St. Thomas Street
Ebenezer Court	Sandford Place
Fawcett Street	Sandford Street
Fitzpatrick Street	Sebastpool Street
Grammar Street	Short Street
Gray Street	Slate Street
Great Ancoats Street	Smith's Court, Back Cotton Street
Greenhough's Court	Spinner Street
Hadfield's Court, Back Factory Street	Sutton Street
Henry Street, Alum Street	Tavery Street
Horne Court	Union Street
Horne Street	Waterloo Court, Little Newton Street
Horne's Place	Whalley Street
John Street	Wharf Street
Kirby Street	Willoughby's Court, St. Thomas Street
Little Newton Street	Wood's Buildings, Fawcett Street
Lower Canal Street	Wood's Court
Marsh Street	
Mason's Court, Brook Street	

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Great Ancoats Street and Union Street	166	3
„ „ Alum Street and Cotton Street	165	9
„ in Union Street, near the footbridge	165	9
„ corner of Boslam Street and Bradford Street	165	7
„ „ Kirby Street and Mill Street	165	0
„ on the bridge in Mill Street.....	163	9
„ corner of Fawcett Street and Back Cotton Street	161	7
„ „ Little Newton Street and Great Ancoats Street	159	8
„ „ New Islington Street and Union Street	160	8
„ „ Wharf Street and Mill Street	158	7
„ „ Wharf Street and Pott Street	157	1
„ „ Pott Street and Horne Street	156	8
„ „ Sandford Street and Pott Street	156	6
„ „ New Islington and Canal Street	155	8
„ in Great Ancoats Street, opposite Lees Street	154	4
„ corner of Kirby Street, opposite Canal Street.....	153	9
„ „ New Islington, opposite Baker Street.....	153	2
„ „ Mill Street, opposite Back Mill Street	152	5
„ „ Pole Street, opposite Wharf Street.....	150	6
„ „ Beatson Street, opposite Canal Street.....	149	0
„ „ Wharf Street, opposite Canal Street	148	7
„ „ Great Ancoats Street, opposite Mill Street...	148	3
„ „ Grammar Street, opposite Canal Street	146	2
„ „ Great Ancoats Street, opposite Canal Street	144	9

PLACES OF WORSHIP

St. Jude's, Church of England	Mill Street
Primitive Methodist Chapel	New Islington
St. James the Less, Church of England	Little Newton Street
St. Alban's, Roman Catholic.....	Fawcett Street

SCHOOLS

St. Jude's Day and Sunday Schools.....	Canal Street
St. Alban's Day and Sunday Schools	John Street
Primitive Methodist Sunday School.....	New Islington
St. James the Less Sunday School	Little Newton Street

PUBLIC INSTITUTIONS

Police Station, C Division	Kirby Street
Public Baths and Wash-houses.....	New Islington

WORKS

Molineux, Webb, & Co., Glass Works	Kirby Street
Samuel McKees, Rag Merchant	Sutton Street
G. & W. Simple, Rag Merchants	Sutton Street
John Sidebottam, Tare Merchant.....	Sutton Street
William Dale, Chain Maker.....	Wharf Street
Wigan Coal Co., Coal Wharf	Canal Street
E. Butterworth, Rag Mill	Canal Street
Derbyshire & Housely, Wheelwrights	Sandford Street
Thomas Carnelly, Coal Wharf	Canal Street
J. Heathcote, Lime Wharf	Canal Street
Henry Seddon, Sand Mill.....	Canal Street
Crabtree Brothers, Dye Works.....	Canal Street
Michael Lowry, Machinist.....	Canal Street
Brady & Thornborough, Revolving Shutters ...	Canal Street
Robert James, Timber Merchant	Canal Street
William Allen, Brass Founder	Great Ancoats Street
William Jones, Packing Case Maker	Great Ancoats Street
Wilson & Co., Saw Mill	Alum Street
Ancoats Braid Mill Company, Braiders	Alum Street
Manchester Corporation, Paving Yard.....	Little Newton Street
J. Poynton, Coal Wharf	Canal Street
Turnbull & Potts, Weaving Mill	Wharf Street
O. Cunliffe, Iron Works	Mill Street
Richard Johnson & Co., Wire Works	Mill Street
John Cotton, Spindle Works	Mill Street
Chamber Colliery Company, Coal Wharf.....	Wharf Street
Sir William Fairbairn, Engineering Works.....	Canal Street
John Port, Iron Works.....	Mill Street
H. Wilde & Co., Works	Mill Street
Thomas Longbottom, Timber Merchant	Pott Street
Bratby & Hinchliffe, Mineral Water Makers ...	Pott Street
Thomas Wood, Iron Merchant	Pott Street
W. Holland, Dye Works	Pott Street
John Broughton, Coal Wharf	Pott Street
J. Barratt, Mortar Mills.....	Pott Street
Thomas Hassall, Salt Merchant.....	Pott Street
A. Meadowcroft, Coal Wharf	Pott Street
Norbury & Rider, Hydraulic Engineers	Pott Street
Thomas Cowcill, Coal Wharf	Slate Street
J. Prosser, Joiner and Builder	New Islington
A. Parkinson & Co., Galvanizing Works.....	Sebastopol Street
James Barrow, Slate Merchant.....	Sebastopol Street
Richard Barlow, Slate Merchant	Sebastopol Street
Robert Sutcliffe, Machine Broker.....	New Islington

SEWERS

The subsoil underlying the south-western half of the district is pebble beds; the north-eastern is clay, resting on the Openshaw and Charlotte seams and other rocks.

The slope of the western half of the district is from Union Street towards Canal Street, and the eastern half is from Boslam Street and Mill Street towards Canal Street. The highest point of the district is at the corner of Union Street, which is 166ft. 3in. above the level of the sea, and the lowest point at Canal Street corner is 144ft. 9in. The principal sewer of the district is the Shooter's Brook, which, according to Green's map of the year 1794, runs through the centre of the district, and is now arched over. The secondary sewers are the Great Ancoats Street, Wharf Street, Mill Street, and Canal Street sewers. The Great Ancoats Street sewer commences in Alum Street, and receives the flow from the Pickford Street, Alum Street, and Cotton Street sewers, then flows down Great Ancoats Street, receiving the flow of the Newton Street and Fawcett Street sewers, from thence flowing into the Shooter's Brook at the corner of Canal Street. The Wharf Street sewer commences at Mill Street, draining Back Mill Street, Grammar Street, and Back Factory Street, from thence flowing into the Shooter's Brook. The Canal Street sewer commences in Kirby Street, receives the Gray Street sewer and its tributaries, draining Marsh Street, Riley Street, Whalley Street, and Boslam Street; it then flows down Canal Street and enters into the Shooter's Brook. The Pott Street Sewer receives the contents of the Horne Street sewer, then runs down Pott Street, draining Sandford Street, Coates Street, Back Beatson Street, Back Coates Street, and Pole Street; from thence into the Wharf Street sewer, and eventually into the Shooter's Brook. The John Street sewer receives the flow from St. Thomas and Back Cotton Streets sewers; flowing down Brook Street, it receives the Dimity Street tributary, eventually emptying into the Shooter's Brook.

HOUSES

Nearly three-fourths of the houses were built before 1830, and the remainder since 1830.

The width of the streets ranges from 58ft. 9in. to 3ft. 8in., the greater number of these being 20ft., the bye-law of the Council of the city of Manchester (1868), which requires a width of 30ft. for every street after the date thereof, being not then in force. There are a great number of back-to-back houses and courts in the district, some of the courts being much confined. The passages vary in width; the passages of the property which was built prior to 1868 are narrow, and in nearly every case the spaces between the backs of the houses are small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars except in the principal roads and streets, and have no ventilating spaces under the floors. They rise directly from the ground. The outside walls are 9in. thick, and the inside walls are $4\frac{1}{2}$ in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 921 houses, of which 65 were unoccupied, leaving 856 as inhabited houses.

POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester.....	4·93
For the registration sub-district of Ancoats	4·76
As No. 5 Sanitary District contained, according to the Overseers' books for the current year, 856 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants...	4,228
Multiplied by 4·93 the number will be	4,220
Multiplied by 4·76 the number will be	4,074
The mean of these three estimates	4,194
which will tolerably represent the population of the district.	

MORTALITY

From 4th January, 1881, to 30th December, 1881, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 101.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 101 deaths would be a rate per 1,000 of	23·55
According to the township rate of occupation	23·93
According to the registration sub-district rate	24·79
The mean of these three estimates of population	24·08

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Jan. 4...	107, Canal Street	M...	9 years	F Mechanic	Phthisis
„ 7...	Rochdale Canal, Union Street	F ...	21 years	Cotton carder	Found drowned
„ 17...	107, Canal Street	M...	38 years	Brass worker	Typhoid fever
„ 17...	3, Wood's Court	F ...	51 years	H Shoemaker	Bronchitis
„ 17...	13, Newton Street	F ...	1 year	F House painter	Do.
„ 18...	31, Kirby Street	F ...	3 years	F Cellarman	Burns
„ 22...	6, Back Factory Street	F ...	63 years	H Clogger	Bronchitis
„ 25...	2, Baker's Court	F ...	56 years	H Forgeman	Chronic bronchitis
„ 28...	36, Caroline Street	M...	10 weeks ...	F Painter	Natural causes
„ 31...	14, Boslam Street	F ...	3 years	F Private 30th Foot...	Phthisis
„ 31...	10, Boslam Street	M...	16 years	F Bricklayer	Hip joint disease
Feb. 2...	2, Baker's Court	F ...	1 year	F Mattress maker	Bronchitis
„ 7...	3, Union Street	F ...	3 years	F Cotton spinner	Pneumonia
„ 12...	13, Little Newton Street	F ...	3 years	F House painter	Do.
„ 12...	36, Wharf Street	F ...	47 years	Hawker	Natural causes
„ 14...	14, Back Fawcett Street	M...	2 weeks	F Railway porter	Umbilical hæmorrhage
„ 16...	7, Pott Street Court	M...	5 months ...	F Iron labourer	Diarrhœa
„ 18...	3, Andrew's Court	F ...	28 years	H Labourer	Tuberculosis
„ 23...	50, Canal Street	M...	18 years	Maker-up	Phthisis
Mar. 5...	6, Fawcett Street	M...	61 years ...	Boiler maker	Bronchitis
„ 5...	75, Canal Street	M...	4 months ...	F Shoemaker	Convulsive fit
„ 7...	10, Boslam Street	M...	4 months ...	F Cabinet maker	Convulsions
„ 15...	13, Riley Street	M...	1 day	F Tile layer	Debility
„ 26...	4, Caroline Street	F ...	6 weeks	F Hawker	Convulsive fit
„ 28...	195, Great Ancoats Street ...	F ...	63 years	H Book publisher	Bronchitis
„ 28...	13, Newton Street	M...	42 years	House painter	Do.
Apl. 1...	13, Riley Street	M...	3 weeks	F Tile layer	Atrophy
„ 4...	123, Great Ancoats Street ...	M...	23 years	Driller	Hanged himself
„ 5...	20, Caroline Street	F ...	41 years	Widow	Bronchitis
„ 13...	6, Boslam Street	M...	44 years ..	Railway porter	Scarlet fever

DETAILS OF DEATH, 1881—continued

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Apl. 26...	2, Lower Canal Street.....	M...	5 months	...F Labourer	Bronchitis
May 5...	19, Newton Street	F ...	61 years.....	Shopkeeper	Natural causes
„ 5...	5, Ebenezer Court	M...	1 year	F Labourer	Convulsions
„ 13 ..	21, Beatson Street	M .	6 months	...F Mattress maker	Do.
„ 16...	Rochdale Canal, Union Street.	F ...	13 years.....	F Plumber.....	Found drowned
„ 17...	21, Back Cotton Street	F ...	53 years.....	H Market porter	Enteritis
„ 20...	14, Fawcett Street	M ...	51 years.....	Repairer of property	Chronic bronchitis
„ 25...	13, Spinner Street	F ...	3 years	F Cotton dyer	Croup
„ 26..	Rochdale Canal, Pickford St.	M...	12 years.....	F Table maker	Drowned
„ 26...	8, Back Mill Street	F ...	7 weeks	F Table maker	Convulsive fit
„ 27...	8, Lower Canal Street....	M...	74 years.....	Cotton spinner	Apoplexy
June 4...	8, Alum Street	F	54 years.....	Widow.....	Crushed by machinery
„ 9...	48, Pott Street	M...	2 weeks.....	F Cotton dyer	Imperfect nutrition
„ 11 ..	32, Alum Street	F ...	44 years.....	H Engine driver	Cardiac
„ 13...	15, Grammar Street.....	F ...	61 years.....	H Cotton weaver	Bronchitis
„ 18...	4, Baker Street	F ...	36 years.....	Cotton finisher	Acute rheumatism
„ 20...	8, Whalley Street	F ...	46 years.....	H Cotton spinner ...	Phthisis
„ 20...	2, Beatson Street	F ...	2 months	...F Joiner... ..	Erysipelas
„ 22...	4, Beatson Street	M...	1 year	F Dyer's finisher	Dentition
„ 25...	6, Baker Street... ..	F ...	58 years.....	H Labourer.....	Bronchitis
„ 27...	33, New Union Street.....	F ...	9 months	...F Machine broker.....	Meningitis
„ 28...	10, Willoughby's Court	M .	5 months	...F Dyer	Natural causes
July 12...	Rochdale Canal, N. Islington.	M...	7 years	F Blacksmith.....	Drowned
„ 26...	3, Baker Street.....	F ...	35 years.....	H Mechanic	Diarrhœa
„ 29 ..	19, Alum Street	M...	60 years.....	Mattress maker.....	Phthisis
Aug. 4...	13, Back Cotton Street	M...	5 months	...F Tailor	Marasmus
„ 11...	27, Beatson Street	F ...	11 months...	F Wire worker	Diarrhœa
„ 13...	17, Back Kirby Street.....	M...	19 years.....	Carter.....	Phthisis
„ 15...	3, Back Pott Street.....	F ...	42 years.....	H Spade labourer	Bronchitis
„ 16...	5, Back Factory Street	M...	9 months	...F Furnaceman	Bronchitis
„ 22...	13, Horne Street	F ...	1 year	F Carter	Choleraic diarrhœa
„ 25...	62, Pott Street	F ...	52 years.....	Housekeeper	Erysipelas of hand
„ 29...	Rochdale Canal, Union Street	M .	40 years.....	.....	Drowned
„ 31...	22, Back Factory Street....	M...	5 years	F Labourer	Scarlatina
Sep. 1...	11, Wood's Buildings	F ...	52 years.....	Cotton weaver	Bronchitis
„ 2...	10, Back Mill Street	M...	33 years.....	Cotton spinner	Tuberculosis
„ 2...	11, Horne Street	M...	5 months	...F Leather box maker.	Whooping cough
„ 10...	77, Canal Street	M...	8 months	...F Cotton spinner	Scarlatina
„ 26...	5, Back Mill Street.....	F ...	5 years	F Joiner	Pertussis
„ 27...	8, Baker Street	M...	11 years.....	F Porter.....	Meningitis
Oct. 3...	15, Pott Street	M...	1 year	F Labourer.....	Dysentery
„ 4...	10, Boslam Street.....	M...	3 months	...F Joiner	Convulsions
„ 10...	5, Alum Street	M...	11 months...	F Tailor	Measles
„ 10...	45, John Street.....	M...	38 years.....	Labourer	Morbus cordis

DETAILS OF DEATH, 1881—continued

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Oct. 14...	61, Canal Street	M...	8 months ...	F Pavior.....	Dentition
„ 15...	43, Pott Street	M...	3 weeks	F Billiard marker.....	Convulsions
„ 17...	15, Fawcett Street	F	56 years.....	H Porter.....	Morbus cordis
„ 26...	12, Alum Street	F	1 year	F Box maker.....	Pertussis
„ 27...	2, Back Beatson Street	M...	1 year	F Hawker	Diarrhœa
Nov. 1...	17, Fawcett Street	F	63 years.....	Fruit dealer	Morbus cordis
„ 2 ..	1, Passage, Sandford Street...	M...	35 years.....	Iron driller	Phthisis
„ 4...	6, Marsh Street.....	M...	27 years...	Mill hand	Pneumonia
„ 5...	38, Little Newton Street.....	M...	15 minutes...	F Labourer	Premature birth
„ 5...	Ostrich Inn, Wharf Street...	M...	37 years	Painter	Hæmoptysis
„ 17...	34, Boslam Street.....	F	11 months...	F Engineer	Anæmia
„ 18...	20, Back Factory Street.....	F	66 years.....	H Bricklayer	Bronchitis
„ 18...	2, Ebenezer Court	F	1 year	F Labourer	Do.
„ 21...	Rochdale Canal, Pott Street..	M...	13 years.....	F Fitter	Injuries
„ 30...	103, Canal Street	F	82 years.....	H Brass moulder	Bronchitis
Dec. 6...	7, Pott Street	M...	4 weeks	F Labourer	Atrophy
„ 7...	4, Baker Street.....	M...	81 years.....	Card-room hand ...	Natural causes
„ 8...	3, Coates Street.....	F	6 years	F Watchman.....	Measles
„ 9...	12, Pott Street Court	M...	4 months ...	F Brush maker	Diarrhœa
„ 10...	3, Back Pott Street	F	5 years	F Labourer	Measles
„ 10...	3, Fawcett Street	F	57 years.....	H Labourer	Injuries
„ 13...	17, Wharf Street ...	F	63 years.....	H Sawyer	Bronchitis
„ 19...	5, Smith's Court, Bk. Cotton St.	M	4 years	F Basket maker	Disease of bowels
„ 22...	78, Pott Street	F	79 years.....	Mill hand	Bronchitis
„ 28...	18, John Street.....	M...	36 years	Labourer	Pneumonia
„ 29...	95, Canal Street ...	F	3 years	M Mill hand	Hydrocephalus
„ 30...	20, Boslam Street.....	M...	49 years.....	Labourer	Bronchitis

AGE AT DEATH

All under 1 year	28	
„ 2 years	37	
„ 3 „	37	
„ 4 „	43	
„ 5 „	44	= 44
Between 5 and 10 years	6	
„ 10 „ 20 „	7	
„ 20 „ 30 „	4	
„ 30 „ 40 „	8	
„ 40 „ 50 „	9	
„ 50 „ 60 „	10	
„ 60 „ 70 „	9	
„ 70 „ 80 „	2	
„ 80 „ 90 „	2	
Total deaths.....	101	

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year	27.72	Under 4 years	42.57
„ 2 years	36.63	„ 5 „	43.56
„ 3 „	36.63		
Between 5 and 10 years	5.94	Between 50 and 60 years ...	9.90
„ 10 „ 20 „	6.93	„ 60 „ 70 „	8.91
„ 20 „ 30 „	3.96	„ 70 „ 80 „	1.98
„ 30 „ 40 „	7.92	„ 80 „ 90 „	1.98
„ 40 „ 50 „	8.91		

DEATHS PER 1,000 of the mean population (4,194) at different ages

Under 1 year	6.67	Under 4 years	10.25
„ 2 years	8.82	„ 5 „	10.49
„ 3 „	8.82		
Between 5 and 10 years	1.43	Between 50 and 60 years ...	2.38
„ 10 „ 20 „	1.66	„ 60 „ 70 „	2.14
„ 20 „ 30 „ .....	.95	„ 70 „ 80 „ .....	.47
„ 30 „ 40 „	1.90	„ 80 „ 90 „ .....	.47
„ 40 „ 50 „	2.14		

CAUSES OF DEATH

SCARLET FEVER

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Apl. 13...	6, Boslam Street	M...	44 years	Railway porter	Scarlet fever
Aug. 31...	22, Back Factory Street	M...	5 years	F Labourer	Scarlatina
Sep. 10...	77, Canal Street	M...	8 months ...	F Spinner	Do.

TYPHUS AND TYPHOID FEVER

Jan. 17...	107, Canal Street	M...	38 years	Brass worker	Typhoid
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MEASLES

Oct. 10...	5, Alum Street	M...	11 months...	F Tailor	Measles
Dec. 8...	3, Coates Street	F ...	6 years	F Watchman	Do.
„ 10...	3, Back Pott Street	F ...	5 years	F Labourer	Do.

WHOOPIING COUGH

Sep. 2...	11, Horne Street	M...	5 months ...	F Leather worker	Whooping cough
„ 26...	5, Back Mill Street	F ...	5 years	F Joiner	Do.
Oct. 26...	12, Alum Street	F ...	1 year	F Leather worker	Pertussis

DIARRHŒA

Feb. 16...	7, Pott Street Court	M...	5 months ...	F Labourer	Diarrhœa
July 26...	3, Baker Street	F ...	35 years	H Mechanic	Do.
Aug. 11...	27, Beatson Street	F ...	11 months...	F Wire worker	Do.
„ 22...	13, Horne Street	F ...	1 year	F Carter	Do.
Oct. 27...	2, Back Beatson Street	M...	1 year	F Hawker	Do.
Dec. 9...	12, Pott Street Court	M...	4 months ...	F Brushmaker	Do.

DISEASES OF LUNGS

Jan. 17...	3, Wood's Court	F ...	51 years	H Shoemaker	Bronchitis
„ 17...	13, Newton Street	F ...	1 year	F Painter	Do.
„ 22...	6, Back Factory Street	F ...	63 years	H Clogger	Do.
Feb. 2...	2, Baker's Court	F ...	1 year	F Mattress maker	Do.
„ 7...	3, Union Street	F ...	3 years ...	F Spinner	Pneumonia
„ 12...	13, Little Newton Street	F ...	3 years	F Painter	Bronchitis
„ 18...	3, Andrew's Court	F ...	28 years	H Labourer	Tuberculosis
Mar. 5...	6, Fawcett Street	M...	61 years	Boiler maker	Bronchitis
„ 28 ..	13, Newton Street	M...	63 years	H Publisher	Do.

CAUSES OF DEATH—continued

DISEASES OF LUNGS—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 28...	195, Great Ancoats Street	F	42 years.....	Painter	Bronchitis
Apl. 5...	20, Caroline Street	F	41 years.....	Widow	Do.
,, 26...	2, Lower Canal Street.....	M	5 months	F Labourer	Do.
June 13...	15, Grammar Street.....	F	61 years.....	H Weaver	Do.
,, 25...	6 Baker Street.....	F	58 years.....	H Labourer	Do.
Aug. 15...	3, Back Pott Street	F	42 years.....	H Labourer	Do.
,, 16...	5, Back Factory Street	M	9 months	F Stoker.....	Do.
Sep. 1...	11, Wood's Buildings	F	52 years.....	Weaver	Do.
,, 2...	10, Back Mill Street.....	M	33 years.....	Spinner	Tuberculosis
Nov. 4...	6, Marsh Street.....	M	27 years.....	Mill hand	Pneumonia
,, 18...	2, Ebenezer Court	F	1 year	F Labourer	Bronchitis
,, 18...	20, Back Factory Street	F	66 years	H Bricklayer ..	Do.
,, 30...	103, Canal Street.....	F	82 years.....	H Moulder	Do.
Dec. 13...	17, Wharf Street	F	63 years.....	H Sawyer	Do.
,, 22...	78, Pott Street	F	79 years.....	Mill hand	Do.
,, 28...	18, John Street	M	36 years.....	Labourer	Pneumonia
,, 30...	20, Boslam Street.....	M	49 years.....	Labourer	Bronchitis

LARYNGITIS

May 25...13, Spinner StreetF ...3 yearsF DyerCroup

CHRONIC BRONCHITIS

Jan. 25...2, Baker's CourtF ...56 years ...H FiremanChronic bronchitis
 May 20...14, Fawcett StreetM...51 years..... Labourer Do.

PHTHISIS PULMONALIS

Jan. 4...107, Canal StreetM...9 yearsF MechanicPhthisis
 ,, 31...14, Boslam Street.....F ...3 yearsF Soldier Do.
 Feb. 23...50, Canal StreetM...18 years..... Packer Do.
 June 20...8, Whalley Street.....F ...46 years.....H Spinner Do.
 July 29...19, Alum StreetM...60 years..... Mattress maker..... Do.
 Aug. 13...17, Back Kirby Street... ..M...19 years..... Carter..... Do.
 Nov. 2...1 Passage, Sandford Street...M...35 years..... Driller Do.

DISEASES OF NERVOUS SYSTEM

CONVULSIONS, MENINGITIS, HYDROCEPHALUS, &c.

CONVULSIONS

Mar. 7...10, Boslam Street.....M...4 months ...F JoinerConvulsions
 May 5...5, Ebenezer CourtM...1 yearF Labourer Do.
 ,, 13...21, Beatson StreetM...6 months ...F Mattress maker..... Do.
 Oct. 15...43, Pott StreetM...3 weeks.....F Billiard marker ... Do.

CAUSES OF DEATH—continued

HYDROCEPHALUS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
June 27...33,	New Union Street.....	F	9 months	F Broker...	Meningitis
Sep. 27...8,	Baker Street	M	11 years	F Porter	Do.
Dec. 29 .95,	Canal Street ..	F	3 years	M Mill hand	Hydrocephalus

APOPLEXY

May 27...8,	Lower Canal Street.....	M	74 years	Spinner	Apoplexy
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DISEASES OF DEBILITY

Feb. 14...14,	Back Fawcett Street.....	M	2 weeks	F Railway porter.....	Hæmorrhage
Mar. 15...13,	Riley Street	M	1 day	F Tile layer	Debility
April 1...13,	Riley Street	M	3 weeks	F Tile layer	Atrophy
June 9...48,	Pott Street	M	2 weeks	F Dyer	Imperfect nutrition
Aug. 4...13,	Back Cotton Street	M	5 months	F Tailor	Marasmus
„ 25 .62,	Pott Street	F	52 years	Housekeeper.....	Blood poisoning
Nov. 5 .	Wharf Street	M	37 years	Painter	Hæmoptysis
„ 17...34,	Boslam Street	F	11 months	F Engineer	Anæmia
Dec. 6...7,	Pott Street	M	4 weeks	F Labourer	Atrophy

DISEASES OF HEART

June 11...32,	Alum Street	F	44 years	H Engine driver	Cardiac
Oct. 10...45,	John Street.....	M	38 years	Labourer	Morbus cordis
„ 17...15,	Fawcett Street	F	56 years	H Porter... ..	Do.
Nov. 1...17,	Fawcett Street	F	63 years	Fruiterer	Do.

DISEASES OF BRAIN

June 20...2,	Beatson Street	F	2 months	F Joiner.....	Erysipelas
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DISEASES OF BOWELS

May 17...21,	Back Cotton Street	F	53 years	H Porter.....	Enteritis
Oct. 3...15,	Pott Street	M	1 year	F Labourer	Dysentery

DISEASES OF HIP

Jan. 31...10,	Boslam Street.....	M	16 years	F Bricklayer	Hip joint disease
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DENTITION

June 22...4,	Beatson Street.....	M	1 year	F Finisher	Dentition
Oct. 14 .61,	Canal Street	M	8 months	F Pavior.....	Do.

CAUSES OF DEATH—continued

PREMATURE BIRTH

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Nov. 5...	38, Little Newton Street	...M...	15 minutes...	F LabourerPremature birth

RHEUMATISM

June 18...	4, Baker Street.....F	36 years.....	Finisher	Acute rheumatism
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CORONER'S INQUESTS

Jan. 7...	Rochdale Canal, Union St...	F ...	21 years.....	Carder	Drowning
„ 18...	31, Kirby Street	F ...	3 years	F Cellarman	Burns
„ 28 ..	36, Caroline Street	M...	10 weeks ...	F Painter	Natural causes
Feb. 12...	36, Wharf Street	F ...	47 years.....	Hawker	Do.
Mar. 5...	75, Canal Street ...	.....M...	4 months ...	F Shoemaker	Convulsions
„ 26...	4, Caroline Street	F ...	6 weeks	F Hawker	Do.
Apl. 4...	123, Great Ancoats Street ..	M...	23 years.....	Driller	Hanging
May 5...	19, Newton Street	F ...	61 years	Shopkeeper	Natural causes
„ 16...	Canal, Union Street.....	F ...	13 years.....	F Plumber.....	Drowning
„ 26...	Canal, Pickford Street	M...	12 years.....	F Joiner.....	Do.
„ 26...	8, Back Mill Street	F ...	7 weeks	F Joiner.....	Convulsions
June 4...	8, Alum Street	F ...	54 years.....	Widow	Accident
„ 28...	10, Willoughby's Court	M...	5 months ...	F Dyer ...	Natural causes
July 12...	Canal, New Islington	M...	7 years	F Blacksmith	Drowning
Aug. 29...	Canal, Union Street	M...	40 years.....	.....	Drowning
Oct. 4...	10, Boslam Street	M...	3 months ...	F Joiner	Convulsions
Nov. 21...	Canal, Pott Street	M...	13 years.....	F Fitter	Drowning
Dec. 7...	4, Baker Street.....	M...	81 years.....	Carder ...	Natural causes
„ 10...	3, Fawcett Street	F ...	57 years.....	H Labourer	Injuries
„ 19...	5, Smith's Court	M...	4 years	F Basket maker	Disease of bowels

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	9·90	Diseases of debility	8·91
Scarlet fever	2·97	Diseases of heart	3·96
Typhus and typhoid fever...	·99	Diseases of brain	·99
Measles	2·97	Diseases of bowels	1·98
Whooping cough	2·97	Diseases of hip	·99
Diarrhœa	5·94	Dentition	1·98
Diseases of lungs	35·64	Premature birth	99
Laryngitis	·99	Rheumatism	·99
Chronic bronchitis	1·98	Coroner's inquests.....	19·80
Phthisis pulmonalis	6·93		
Diseases of nervous system, convulsions, meningitis, hydrocephalus, &c.	7·92		
Convulsions	3·96		
Hydrocephalus	2·97		
Apoplexy	·99		

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease and from the several forms of diseases*

Zymotic diseases	2·38	Diseases of debility	2·14
Scarlet fever	·71	Diseases of heart	·95
Typhus and typhoid fever	·23	Diseases of brain	·23
Measles	·71	Diseases of bowels.....	·47
Whooping cough	·71	Diseases of hip	·23
Diarrhœa	1·43	Dentition	·47
Diseases of lungs	8·58	Premature birth	·23
Laryngitis	·23	Rheumatism	·23
Chronic bronchitis.....	·47	Coroner's inquests.....	4·76
Phthisis pulmonalis	1·66		
Diseases of nervous system ...	1·90		
Convulsions	·95		
Hydrocephalus	·71		
Apoplexy	·23		

REGISTRATION SUB-DISTRICT
ANCOATS.

SANITARY DISTRICT NO. 6.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

- HOUSES BUILT BEFORE 1830
- " " " 1850
- " " " 1870
- " " SINCE 1870
- PUBLIC BUILDINGS, WAREHOUSES, &c.
- CONDEMNED HOUSES
- PUBLIC HOUSES X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 6

BOUNDARIES

Great Ancoats Street	Boslam Street
Mill Street	Bradford Street
Kirby Street	Beswick Street
Gray Street	Pollard Street

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 6 SANITARY DISTRICT

Number 34	Number 47
„ 46	„ 48

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

NO. 6 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING
FROM GREAT ANCOATS STREET TO BESWICK STREET :—

Great Ancoats Street	No. 1 Court, Gray Street
Goolden's Buildings	Kirby Street
Back Mill Street	Boslam Street
Bradley Street	Back Boslam Street
Court behind 32 Back Mill Street	Back Gray Street
Hill's Court, Bradley Street	Caldwell's Buildings
School Street, Bradley Street	Garrick Street
Mill Street	Bradford Street
White Street, Mill Street	Garrick's Court
Menai Street	Grimes Street
Bishop Street	Pape Street
Piercey Street	Pape's Court
No. 2 Court, Piercey Street	Garner's Court, Pape Street
Court behind 43 Piercey Street	Lord Street, Grimes Street
Carruthers Street	Back Lord Street
Gray Street	Breakell Street

Breakell Passage
 Grimes Square
 Barker Street
 Beswick Street
 Pollard Street
 Higginson Street
 Court behind 15 Higginson Street
 Boond Street, Pollard Street
 Munday Street
 Court behind 1 Munday Street

Back Armitage Street
 Yates' Buildings
 Beckett Street
 Armitage Street
 Back Munday Street
 Burke Street
 Halton Street
 Hampson's Buildings
 Spectator Street

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Great Ancoats Street	52	0	Back Mill Street	18	0
Carruthers Street.....	42	6	Back Munday Street	18	0
Pollard Street	42	0	Hampson's Buildings	18	0
Beswick Street.....	38	3	Lord Street	18	0
Kirby Street.....	36	10	Burke Street.....	17	10
Grimes Square	36	8	Higginson Street	17	10
Menai Street.....	36	2	Pape Street	17	9
Piercey Street	36	2	Goolden's Buildings	15	6
School Street	35	9	Beckett Street	15	4
Barker Street	35	6	Yates' Buildings	14	10
Gray Street	35	6	Garrick's Court.....	12	8
Halton Street	35	6	Hill's Court, Bradley Street	12	0
Mill Street	35	3	Breakell Passage	11	9
Bradford Street.....	35	0	No. 1 Court, Gray Street...	11	2
White Street, Mill Street...	30	2	Back Boslam Street	10	9
Boond Street, Pollard Street	30	0	Goolden's Buildings.....	10	0
Bradley Street	30	0	Pape's Court.....	10	0
Garrick Street	29	10	Caldwell's Buildings.....	9	5
Back Boslam Street	29	6	No. 2 Court, Piercey Street	9	4
Back Gray Street	24	2	Court, Munday Street	9	0
Caldwell's Buildings	24	2	Bishop Street	8	10
Boslam Street	24	0	Lord Street	8	10
Munday Street.....	24	0	Back Lord Street.....	7	8
Hill's Court, Bradley Street	23	10	Garner Street Square	6	6
Back Armitage Street	21	2	Court, Piercey Street	5	6
Spectator Street	18	6	Garrick's Court.....	3	6
Breakell Street.....	18	5	Court behind 32 Back Mill		
Grimes Street	18	3	Street	3	3
Armitage Street	18	2	Court, Higginson Street ...	3	3

THE STREETS ARRANGED ALPHABETICALLY

Armitage Street	Garner's Court, Pape Street
Back Armitage Street	Great Ancoats Street
Back Boslam Street	Goolden's Buildings
Back Gray Street	Gray Street
Back Lord Street	Grimes Street
Back Mill Street	Grimes Square
Back Munday Street	Halton Street
Barker Street	Hampson's Buildings
Beckett Street	Hill's Court, Bradley Street
Beswick Street	Higginson Street
Bishop Street	Kirby Street
Boslam Street	Lord Street
Boond Street, Pollard Street	Menai Street
Bradley Street	Mill Street
Bradford Street	Munday Street
Breakell Passage	No. 2 Court, Piercey Street
Breakell Street	No. 1 Court, Gray Street
Burke Street	Pape Street
Carruthers Street	Pape's Court
Caldwell's Buildings	Piercey Street
Court behind 32 Back Mill Street	Pollard Street
Court behind 43 Piercey Street	School Street, Bradley Street
Court behind 15 Higginson Street	Spectator Street
Court behind 1 Munday Street	White Street, Mill Street
Garrick Street	Yates' Buildings
Garrick's Court	

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Pollard Street and Beswick Street	180	7
„ „ Mill Street and Bradford Street	179	0
„ „ Piercey Street and Carruthers Street	177	3
„ „ Mill Street and Grimes Square	176	6
„ „ Pollard Street and Carruthers Street	175	6
„ „ Pollard Street and Halton Street.....	174	7
„ „ Mill Street and Carruthers Street	173	0
„ „ Pollard Street and Boond Street.....	172	0
„ „ Carruthers Street and Bradford Street	169	7
„ „ Mill Street and Kirby Street	165	0
„ on Mill Street Bridge	163	9
„ corner of Mill Street and Back Mill Street	152	5

SEWERS

The subsoil underlying the district is clay, with the exception of a strip of pebble bed along the south-east boundary ; these rest on the coal formation.

This district slopes in a south-westerly direction towards Great Ancoats Street. The highest point of the district is at the corner of Beswick Street and Pollard Street, 180ft. 7in., and the lowest at the corner of Mill Street and Back Mill Street, which is 152ft. 5in. The two principal sewers of the district are the Mill Street and Pollard Street sewers. The Mill Street sewer commences at the corner of Beswick Street, and, flowing down Mill Street, drains Piercey Street, Barker Street, Menai Street, White Street, and part of Carruthers Street, afterwards emptying into a cross sewer which leads into the Shooter's Brook. The Pollard Street sewer drains Munday Street, Hampson's Buildings, and Spectator Street ; then, receiving part of the flow of the Carruthers Street sewer, passes down Junction Street into the river Medlock. The Bradford Street sewer commences at the corner of Mill Street, and receives tributaries from Grimes Square, Grimes Street, Lord Street, and Pape Street, then flows down Canning Street, along Woodward Street, emptying into the Shooter's Brook in New Islington. The Back Mill Street sewer receives tributaries from Bradley Street and School Street, flows into the Canal Street sewer, then discharges into the Shooter's Brook at the corner of Great Ancoats Street.

HOUSES

Nearly three-fourths of the property in this district were built before 1830 the remainder since 1830.

There are a great many back-to-back houses in the district, the greater part of the houses being old and dilapidated. The courts are narrow, and the passages for the most part in a very dirty condition.

The width of the streets ranges from 52ft. 3in. to 3ft., the average being about 24ft., the Bye-laws of the Council of the city of Manchester (1868), which require a width of 30ft. for every street after the date thereof, not being then in force. The passages vary in width ; those passing through the newly-erected property are wide, but the passages of the property which was built prior to 1868 are narrow, and in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors. They rise directly from the ground. The outside walls are 9in. thick, and the inside walls are $4\frac{1}{2}$ in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 692 houses, of which 49 were unoccupied, leaving 643 as inhabited houses.

PLACE OF WORSHIP

Presbyterian Church Mill Street

SCHOOL

Presbyterian Sunday School Piercey Street

PUBLIC INSTITUTIONS

Fire Station Munday Street, Pollard Street

Ancoats Dispensary Mill Street

WORKS

Isaac Cass, Tallow Chandler Back Mill Street

Butler & Co., Coal Wharf..... White Street

G. Seddon, Boiler Works White Street

Val de Travers, Paving Company..... Mill Street

Cotton Company, Albion Spindle Works..... Mill Street

J. & M. Tyman, Lime Merchants..... Mill Street

N. Pearson, Boiler Works..... Menai Street

A. Dunn, Ironfounder Piercey Street

French & Watson, Bridge Mills Carruthers Street

Barlow & Pritchard, Mills..... Carruthers Street

Woodward & Co., Cotton Mill..... Carruthers Street

Darnton & Co., Cotton Mill Carruthers Street

E. Wrigley, Coal Wharf Pollard Street

S. Bowler & Son, Cotton Mill Halton Street

E. Butterworth, Waste Warehouse Pollard Street

Peel, Williams, & Peel, Soho Ironworks Pollard Street

Manchester Corporation, Scavenging Yard Pollard Street

J. Hetherington & Co., Engineers Pollard Street

Peter Joynson, Silk Mill Spectator Street

Thomas Wright, Tin Works..... Beswick Street

J. Woodhouse, Corn Mill..... Mill Street

POPULATION

The average number of persons per house for the entire city of	
Manchester, according to the census returns of 1881, was...	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 6 Sanitary District contained, according to the Overseers'	
books for the current year, 643 inhabited houses, this	
multiplied by 5·01 will give as the number of inhabitants...	3,221
Multiplied by 4·93 the number will be	3,169
Multiplied by 4·76 the number will be	3,060
The mean of these three estimates is	3,150

which will tolerably represent the population of the district.

The greater portion of the population of this district are employed in mills and iron works, the former employing the greater number.

MORTALITY

From 29th December, 1880, to 24th December, 1881, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 73.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 73 deaths would be a rate per 1,000 of.....	22·66
According to the township rate of occupation	23·03
According to the registration sub-district rate	23·85
The mean of these three estimates of population	23·17

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 29...	235, Great Ancoats Street	M...	72 years.....	Tallow Chandler	Debility
„ 30...	2 Court, Piercey Street	M...	3 weeks	Bricklayer	Bronchitis
1881					
Jan. 5...	17, Garrick Street.....	F ...	23 years.....	Cop winder	Natural causes
„ 10...	16, Mill Street	M...	1 year	Clogger	Marasmus
„ 10...	34, Back Mill Street	M...	4 months ...	Slater	Pneumonia
„ 15...	13, Piercey Street.....	F ...	55 years.....	Widow.....	Chronic bronchitis
„ 17...	10, Mill Street	F ...	65 years.....	Cotton overlooker...	Bronchitis
„ 24...	4, Burke Street.....	M...	2 months ...	Cotton spinner	Atrophy
„ 24...	22, Gray Street... ..	F ...	8½ years.....	Cotton spinner	Natural decay
„ 31...	6, Yates' Buildings	F ...	7 years	Corporation labourer	Phthisis
Feb. 3...	36, Back Mill Street	F ...	58 years.....	Brass founder	Chronic bronchitis
„ 5...	Ancoats Dispensary.....	F ...	8 years	Overlooker	Burns
„ 7...	20, Mill Street	M...	7 months ...	Carter.....	Bronchitis
„ 7...	127, Pollard Street	M	70 years.....	Silk overlooker.....	Senile decay
„ 15...	120, Mill Street	M...	64 years.....	Fine spinner	Natural causes
„ 19...	25, Back Mill Street	M...	41 years.....	Glass cutter	Phthisis
„ 19...	31, Piercey Street.....	F ...	83 years	Widow	Natural causes
„ 21...	145, Mill Street	F ...	7 months ...	Stationer's agent	Bronchitis
„ 23...	36, Carruthers Street	F ...	64 years	Foundry labourer...	Do.
„ 24...	2, Bishop Street	F ...	17 years.....	Nurse	Phthisis
Mar. 1...	Ashton Canal, Gt. Ancoats St.	M...	20 years.....	Printer's labourer...	Found drowned
„ 9...	18, Gray Street.....	M...	62 years.....	Storekeeper	Obstruction of intestines
„ 12...	1, Caldwell's Buildings	F ...	52 years.....	Widow	Bronchitis
„ 22...	17, Beckett Street	M...	5 months ...	Jack tenter	Disease of lungs
„ 29...	19, Carruthers Street	M...	9 years	Wood turner	Meningitis
Apl. 2...	91, Mill Street	F ...	76 years.....	Widow	Natural decay
„ 5...	44, Bradford Street	M...	18 years.....	Vanman	Phthisis
„ 5...	98, Bradford Street	F ...	1 year	Pork butcher.....	Croup
„ 11...	Mill Street	F ...	6 weeks.....	Moulder	Suffocation

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 12...20,	Mill Street	F	...3 years	F Cotton mill jobber...	Croup
,, 19...1,	Back Armitage Street.....	F	...5 weeks.....	F Wire worker	Intestinal catarrh
,, 23...18,	Lord Street.....	F	...1 year	F Glass maker	Struma
,, 30...143,	Mill Street	F	...3 months ...	F Spindle maker	Marasmus
May 10...43,	Piercey Street.....	M	...60 years.....	Lodgekeeper	Bronchitis
,, 11...4,	Back Boslam Street	M	...62 years.....	Market porter	Dysentery
July 2...52,	Bradford Street	M	...7 months ...	F House painter	Marasmus
,, 12...160,	Mill Street	M	...43 years.....	Mechanic	Bronchitis
,, 21...40,	Carruthers Street	M	...5 weeks	F Grocer	Marasmus
,, 27...177,	Mill Street	M	...48 years.....	Coal dealer	Pneumonia
Aug. 5...3,	Back Armitage Street.....	F	...1 year	F Bricklayer	Convulsions
,, 6...9,	Piercey Street	M	...2 weeks.....	F Cotton doubler	Pneumonia
,, 12...42,	Back Mill Street	F	...6 months ...	F Cotton beamer	Diarrhœa
,, 15...11,	Halton Street	M	...8 years	F Foundry labourer...	Scarlatina
,, 27...12,	Garrick Street	F	...11 months...	F File manager.....	Bronchitis
,, 30...1,	Canal Buildings, White St.	M	...73 years.....	Private watchman...	Do.
Sep. 5...44,	Back Mill Street	M	...72 years.....	Cotton spinner	Do.
,, 14...47,	Gray Street.....	F	...1 year	F Cotton spinner	Broncho-pneumonia
,, 20...17,	Garrick Street	F	...53 years.....	Widow	Phthisis
Oct. 4...31,	Gray Street	M	...5 weeks.....	F Silk finisher	Convulsions
,, 7...Ancoats Dispensary.....		F	...3 years	F Shunter	Run over
,, 10...11,	Munday Street	M	...5 months ...	F Weaver	Dyspepsia
,, 14...3. Yates' Buildings ...		M	...1 year	F Iron moulder.....	Whooping cough
,, 24...11,	Back Munday Street.....	F	...51 years.....	Widow	Heart disease
,, 26...13,	Munday Street	F	...3 months ...	F Mill hand ..	Dyspepsia
,, 26...15,	Carruthers Street	M	...1 day	M Servant	Prematurity
,, 28...27,	Piercey Street... ..	M	...1 year	F Whitesmith	Dentition
Nov. 5...6,	Armitage Street	F	...4 months ...	F Iron moulder.....	Atrophy
,, 5...M. S. & L. Canal, Pollard St.		M	...32 years.....	Carter	Drowning
,, 6...6,	Halton Street	M	...1 day	F Labourer	Convulsions
,, 7...9,	Grimes Street	M	...9 months ...	F Carter.....	Measles
,, 8...105,	Mill Street.....	M	...68 years.....	Carter	Bronchitis
,, 17...34,	Gray Street.....	F	...11 months...	F Wheelwright	Convulsions
,, 21...66,	Pollard Street.....	M	...8 months ...	F Provision dealer ...	Bronchitis
,, 22...18,	Burke Street	F	...3 months ...	F Hawker	Eclampsia
,, 24...3,	Carruthers Street	M	...54 years.....	Dyer	Bright's disease
,, 25...6,	Passage, Carruthers Street..	F	...70 years.....	Mill hand	Bronchitis
,, 28...10,	Munday Street	M	...6 months ...	F Fireman	Meningitis
Dec. 3...86,	Mill Street	F	...4 years	F Clergyman	Scarlatina
,, 4...1,	Garrick's Court	F	...35 years.....	H Iron dresser	Phthisis
,, 18...18,	Burke Street	F	...33 years.....	H Hawker	Pneumonia
,, 21...18,	Back Boslam Street	M	...1 year	F Iron moulder.....	Dentition convulsions
,, 24...223,	Great Ancoats Street ...	F	...25 years.....	H Publican.....	Rheumatism, bronchitis
,, 24...8,	Beswick Street.....	F	...5 months ...	F Tailor	Bronchitis and pertussis

AGE AT DEATH

All under 1 year	26
„ 2 years	34
„ 3 „	34
„ 4 „	36
„ 5 „	37 = 37
Between 5 and 10 years	4
„ 10 „ 20 „	2
„ 20 „ 30 „	3
„ 30 „ 40 „	3
„ 40 „ 50 „	3
„ 50 „ 60 „	6
„ 60 „ 70 „	7
„ 70 „ 80 „	6
„ 80 „ 90 „	2
Total deaths	<u>73</u>

DEATHS PER 100 *of the total number of deaths at different ages*

Under 1 year	35·61	Under 4 years	49·31
„ 2 years	46·57	„ 5 „	50·68
„ 3 „	46·57		
Between 5 and 10 years	5·47	Between 50 and 60 years ...	8·21
„ 10 „ 20 „	2·73	„ 60 „ 70 „ ...	9·58
„ 20 „ 30 „	4·10	„ 70 „ 80 „ ...	8·21
„ 30 „ 40 „	4·10	„ 80 „ 90 „ ...	2·73
„ 40 „ 50 „	4·10		

DEATHS PER 1,000 *of the mean population (3,150) at different ages*

Under 1 year.....	8·25	Under 4 years	11·42
„ 2 years	10·79	„ 5 „	11·74
„ 3 „	10·79		
Between 5 and 10 years	1·26	Between 50 and 60 years ...	1·90
„ 10 „ 20 „	·63	„ 60 „ 70 „ ...	2·22
„ 20 „ 30 „	·95	„ 70 „ 80 „ ...	1·90
„ 30 „ 40 „	·95	„ 80 „ 90 „ ...	·63
„ 40 „ 50 „	·95		

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Aug. 15...	11, Halton Street	M...	8 years	F Labourer	Scarlatina
Dec. 3...	86, Mill Street	F ...	4 years	F Clergyman	Do.

MEASLES

Nov. 7...	9, Grimes Street	M...	9 months ...	F Carter	Measles
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WHOOPIING COUGH

Oct. 14...	3, Yates' Buildings	M...	1 year	F Moulder	Whooping cough
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DIARRHŒA

Aug. 12...	42, Back Mill Street	F ...	6 months ...	F Beamer	Diarrhœa
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DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

1880					
Dec. 30...	2 Court, Piercey Street	M...	3 weeks ...	F Bricklayer	Bronchitis
1881					
Jan. 10...	34, Back Mill Street	M...	4 months ...	F Slater	Pneumonia
,, 17...	10, Mill Street	F ...	65 years.....	H Overlooker.....	Bronchitis
Feb. 7...	20, Mill Street	M...	7 months ...	F Carter.....	Do.
,, 21...	145, Mill Street.....	F ...	7 months ...	F Stationer	Do.
,, 23...	36, Carruthers Street	F ..	64 years.....	H Labourer	Do.
Mar. 12...	1, Caldwell's Buildings	F ...	52 years.....	Widow	Do.
May 10...	43, Piercey Street.....	M...	60 years.....	Lodgekeeper	Do.
July 12...	160, Mill Street	M...	43 years.....	Mechanic	Do.
, 27...	177, Mill Street	M...	48 years.....	Coal dealer	Pneumonia
Aug. 27...	12, Garrick Street	F ...	11 months...F	Filemaker ..	Bronchitis
,, 30...	1, Canal Buildings	M...	7 1/2 years.....	Watchman.....	Do.
Sep. 5...	44, Back Mill Street	M...	72 years.....	Spinner	Do.
,, 14	47, Gray Street.....	F ...	1 year	F Spinner	Pneumonia
Nov. 8...	105, Mill Street	M...	68 years.....	Carter	Bronchitis
,, 21...	66, Pollard Street.....	M...	8 months ...	F Provision dealer ...	Do.
,, 25...	6, Passage, Carruthers Street	F	70 years.....	Mill hand	Do.
Dec. 18...	18, Burke Street	F ...	33 years.....	H Hawker	Pneumonia
,, 24...	223, Great Ancoats Street ..	F ...	25 years.....	H Publican.....	Bronchitis
,, 24...	8, Beswick Street	F ...	5 months ...	F Tailor	Do.

CAUSES OF DEATH--continued

LARYNGITIS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 5...	98, Bradford Street	F	...1 year	... ..F Butcher	Croup
„ 12...	20, Mill Street	F	...3 years	.....F Labourer.....	Do.

CHRONIC BRONCHITIS

Jan. 15...	13, Piercey Street	F	...55 years.....	Widow	Chronic bronchitis
Feb. 3...	36, Back Mill Street.....	F	...58 years.....	H Brass founder	Do.

PHTHISIS PULMONALIS

Jan. 31...	6, Yates' Buildings	F	...7 years	.....F Labourer	Phthisis
Feb. 19 ..	25, Back Mill Street	M	...41 years.....	Glass cutter	Do.
„ 24...	2, Bishop Street	F	...17 years.....	Nurse	Do.
Apl. 5...	44, Bradford Street	M	...18 years.....	Vanman	Do.
Sep. 20...	17, Garrick Street.....	F	...53 years.....	Widow	Do.
Dec. 4...	1, Garrick's Court.....	F	...35 years.....	H Labourer	Do.

DISEASES OF NERVOUS SYSTEM

CONVULSIONS

Aug. 5...	3, Back Armitage Street ...	F	..1 year	.....F Bricklayer	Convulsions
Nov. 6...	6, Halton Street	M	...1 day.....	F Labourer	Do.
„ 17...	34, Gray Street.....	F	...11 months .	F Wheelwright	Do.
„ 22...	18, Burke Street	F	...3 months ..	F Hawker	Eclampsia
Dec. 21...	18, Back Boslam Street	M	...1 year	.....F Moulder	Convulsions

HYDROCEPHALUS

Mar. 29...	19, Carruthers Street	M	...9 years	.....F Wood turner	Meningitis
Nov. 28...	10, Munday Street ...	M	...6 months	...F Fireman.....	Do.

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION,
WASTING, &c.

1880					
Dec. 29...	235, Great Ancoats Street ...	M	...72 years.....	Chandler	Debility
1881					
Jan. 10...	16, Mill Street	M	...1 year	.....F Clogger	Marasmus
„ 24...	4, Burke Street.....	M	...2 months	...F Spinner	Atrophy
„ 24...	22, Gray Street.....	F	...88 years.....	Spinner	Natural decay
Feb. 7	127, Pollard Street	M	...70 years.....	Overlooker.....	Senile decay
Apl. 2...	91, Mill Street	F	...76 years	... Widow	Natural causes
„ 30...	143, Mill Street	F	.. 3 months	...F Spindle maker	Marasmus
July 2...	52, Bradford Street	M	...7 months	...F Painter	Do.
„ 21...	40, Carruthers Street ...	M	...5 weeks.....	F Grocer.....	Do.
Nov. 5...	6, Armitage Street	F	.. 4 months	...F Moulder	Atrophy

CAUSES OF DEATH—continued

PREMATURE BIRTH

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 26...	15, Carruthers Street	M...	1 day.....	M Servant	Prematurity

DISEASES OF HEART

Oct. 24...	11, Back Munday Street ...	F ...	51 years.....	Widow	Disease of heart
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DISEASES OF KIDNEYS

Nov. 24...	3, Carruthers Street	M...	54 years.....	Dyer	Bright's disease
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DISEASES OF BOWELS

Mar. 9...	18, Gray Street	M...	62 years ...	Storekeeper	Obstruction of intestines
May 11...	4, Back Boslam Street...	M...	62 years.....	Porter.....	Dysentery

DENTITION

Oct. 28...	27, Piercey Street	M...	1 year	F Whitesmith	Dentition
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DISEASES OF THE STOMACH

Oct. 10...	11, Munday Street	M...	5 months ...	F Weaver	Dyspepsia
,, 26...	13, Munday Street	F ...	3 months ...	F Mill hand	Do.

DISEASES OF THROAT

Apl. 23...	18, Lord Street.....	F ...	1 year	F Glass maker	Struma
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CORONER'S INQUESTS

Jan. 5...	17, Garrick Street	F ...	23 years.....	Winder	Natural causes
Feb. 5...	Dispensary.....	F ...	8 years	F Overlooker	Burns
,, 15...	120, Mill Street	M...	64 years....	Spinner	Natural causes
,, 19...	31, Piercey Street	F ...	83 years.....	Widow	Do.
Mar. 1...	Canal, Ancoats Street	M...	20 years.....	Labourer	Drowning
,, 22...	17, Beckett Street	M...	5 months ...	F Jack tenter	Lung disease
Apl. 11...	Mill Street.....	F ...	6 weeks.....	F Moulder	Suffocation
,, 19...	1, Back Armitage Street ...	F ..	5 weeks.....	F Wire drawer	Intestinal catarrh
Aug. 6...	9, Piercey Street	M...	2 weeks.....	F Doubler	Pneumonia
Oct. 4...	31, Gray Street.....	M...	5 weeks.....	F Finisher.	Convulsions
,, 7...	Dispensary	F ...	3 years ...	F Shunter	Run over
Nov. 5...	Canal, Pollard Street	M...	32 years ...	Carter.....	Drowning

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	5·47	Diseases of debility, asthenia,	
Scarlet fever	2·73	atrophy, debility, tabes	
Measles	1·36	mesenterica, marasmus,	
Whooping cough	1·36	inanition, wasting, &c. ...	13·69
Diarrhœa	1·36	Premature birth	1·36
Diseases of lungs	41·09	Diseases of heart	1·36
Pneumonia and acute bron-		Diseases of kidneys	1·36
chitis	27·39	Diseases of bowels	2·73
Laryngitis	2·73	Dentition	1·36
Chronic bronchitis	2·73	Diseases of stomach	2·73
Phthisis pulmonalis	8·21	Diseases of throat	1·36
Diseases of nervous system ...	9·58	Coroner's inquests.....	16·43
Convulsions	6·84		
Hydrocephalus	2·73		







PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	1·26	Diseases of debility, asthenia,	
Scarlet fever	·63	atrophy, debility, tabes	
Measles	·31	mesenterica, marasmus,	
Whooping cough	·31	inanition, wasting, &c. ...	3·17
Diarrhœa	·31	Premature birth	·31
Diseases of lungs	9·52	Diseases of heart	·31
Pneumonia and acute bron-		Diseases of kidneys	·31
chitis	6·34	Diseases of bowels	·63
Laryngitis	·63	Dentition	·31
Chronic bronchitis	·63	Diseases of stomach	·63
Phthisis pulmonalis	1·90	Diseases of throat	·31
Diseases of nervous system ...	2·22	Coroner's inquests.....	3·80
Convulsions	1·58		
Hydrocephalus	·63		

REGISTRATION SUB-DISTRICT ANCOATS.

SANITARY DISTRICT NO. 7.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

HOUSES BUILT BEFORE 1830	
" " " 1850	
" " " 1870	
" " SINCE 1870	
" CONDEMNED	
MILLS, WAREHOUSES, CHURCHES, &c.	
PUBLIC HOUSES	X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 7

BOUNDARIES

Great Ancoats Street	Oswald Street
Pollard Street	Tame Street
Junction Street	Kennedy Street
Every Street	Brown Street

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 7 SANITARY DISTRICT

Number 28	Number 32
„ 29	„ 33

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 7 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING FROM EVERY STREET TO POLLARD STREET :—

Every Street	Brown Street
Tame Street	South Street
Holme Street	Caledon Street
Harrison Street	Kennedy Street
New Street, Tame Street	Oswald Street
Warren Street	Stone Street
Harding Street	Fox Street
Sparks Street	Scholiield Street
Washington Street	Nield Street, Tame Street
No. 1 Court, Holme Street	Buckley Street, Tame Street
Back Every Street	North Street, Pollard Street
Junction Street	Mawdsley's Place, Providence Street
Harding's Court	Providence Place, Providence Street
Roger's Buildings, Junction Street	Providence Street
Roger Street	No. 1 Passage, North Street
Howe Street	Back Salter Street
Rodney Square	Salter Street
Rodney Street	Holden's Court
Rodney Court	Parliament Square
Stable Court	Read's Place
Coal Yard Passage, Rodney Street	Pollard Street
Great Ancoats Street	

STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Great Ancoats Street	55	0	Sparks Street	24	0
Rodney Square.....	44	2	Nield Street	23	0
Every Street.....	42	5	Caledon Street	22	9
Harrison Street.....	42	1	Howe Street.....	21	8
Pollard Street	42	1	Back Salter Street	19	7
Junction Street	41	11	Rodney Street	18	6
Oswald Street	36	7	Stone Street.....	18	4
Harding Street.....	36	4	Roger Street.....	17	8
Tame Street	36	0	Salter Street.....	16	9
South Street.....	35	8	Holden's Court.....	15	0
North Street.....	35	4	Providence Place	14	9
Parliament Square	29	11	Stable Court.....	14	0
Harding's Court	27	8	Read's Place.....	13	7
Kennedy Street	27	1	Mawdsley's Place.....	12	3
Brown Street	26	3	Back Every Street	11	5
Washington Street	24	7	Coal Yard Passage	10	6
Holme Street	24	6	Parliament Square	9	7
Fox Street.....	24	2	Court, North Street.....	8	6
Schofield Street	24	2	Stable Court.....	5	6
Warren Street	24	2	Rodney Court	4	6
Buckley Street.....	24	1	No 1 Court, Holme Street	4	2
New Street	24	1	Roger's Buildings	open space	
Tame Street	24	1	Junction Street.....	open space	
Providence Street.....	24	0			

THE STREETS ARRANGED ALPHABETICALLY

Back Every Street	Holme Street
Back Salter Street, Providence St.	Howe Street
Brown Street	Junction Street
Buckley Street, Tame Street	Kennedy Street
Caledon Street	Mawdsley's Court, Providence Street
Coal Yard Passage, Rodney Street	New Street
Every Street	Nield Street
Fox Street	No. 1 Court, Holme Street
Great Ancoats Street	No. 1 Passage, North Street
Harding Street	North Street, Pollard Street
Harding's Court, Junction Street	Oswald Street
Harrison Street	Parliament Square, Providence Street
Holden's Court, Providence Street	Pollard Street

Providence Place	Schofield Street
Providence Street	South Street
Read's Place	Sparks Street
Rodney Street	Stable Court, Rodney Street
Rodney Square	Stone Street
Rodney Court	Tame Street
Roger's Buildings, Junction Street	Warren Street
Roger Street	Washington Street
Salter Street	

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Junction Street and Pollard Street	175	6
„ „ Pollard Street and Howe Street	174	7
„ „ Pollard Street and North Street	172	0
„ „ Pollard Street and Great Ancoats Street.....	161	3
„ in Great Ancoats Street, opposite Watson Street	158	2
„ corner of Junction Street and Every Street	157	2
„ „ Every Street and Holme Street	156	7
„ „ Every Street and Oswald Street	154	0

SEWERS

The subsoil underlying the district is clay, and lies immediately on the coal and other rocks.

This district slopes in a south-easterly direction towards the river Medlock. The highest point of the district is at the corner of Junction Street and Pollard Street, being 175ft. 6in. above the mean sea level at Liverpool, and the lowest at the corner of Oswald Street and Every Street, 154ft. The three principal sewers of the district are the Pollard Street, Junction Street, and Every Street sewers. The Pollard Street sewer receives tributaries from North Street and Roger Street, then passes down Junction Street, and eventually flows into the river Medlock. The Every Street sewer enters the district at Great Ancoats Street, receives the flow of the Holme Street sewer, along with its tributaries from Fox Street, Schofield Street, Harrison Street, and Tame Street, drains Harding Street, then, passing down Every Street, joins with the Junction Street sewer, and flows into the river Medlock. The Tame Street sewer drains Stone Street and Kennedy Street, then flows into the Every Street sewer. The South Street sewer drains Brown Street and Caledon Street, then flows out of the district.

HOUSES

Nearly half of the houses in the district were built before 1830, a large part since 1830, and the remainder since 1850.

There are a few back-to-back houses in the district. The courts are confined and dirty, and the houses therein are inhabited by poor people.

The width of the streets ranges from 55ft. to 4ft. 2in., the greater number of them being 24ft., the Bye-laws of the Council of the City of Manchester (1868), which require a width of 30ft. for every street after the date thereof, being not then in force.

The passages vary in width ; those passing through the newly-erected property are wide, but the passages of the property which was built prior to 1868 are narrow, and in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors. They rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 671 houses, of which 59 were unoccupied, leaving 612 as inhabited houses.

PLACE OF WORSHIP

St. Ann's, Roman Catholic ChurchJunction Street

SCHOOLS

All Souls', Church of England, Day and Sunday..Harding Street

St. Ann's, Catholic Church, Day and Sunday ...Junction Street

WORKS

Midland Railway Co., Corn StoresGreat Ancoats Street

Flax and Hemp Spinning Co., Caledon Mills ...Great Ancoats Street

Andrew Knowles, Coal WharfCaledon Street

Louis Williams, Cotton Mill.....Tame Street

John Hetherington & Sons, Vulcan Iron Works...Pollard Street

Benjamin Gray, Cotton Mill.....Pollard Street

Ancoats Cabinet WorksPollard Street

John Taylor, BreweryHowe Street

POPULATION

The average number of persons per house for the entire city of	
Manchester, according to the census returns of 1881, was...	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 7 Sanitary District contained, according to the Overseers'	
books for the current year, 612 inhabited houses, this	
multiplied by 5·01 will give as the number of inhabitants...	3,066
Multiplied by 4·93 the number will be	3,017
Multiplied by 4·76 the number will be	2,913
The mean of these three estimates is	2,998

which will tolerably represent the population of the district.

A considerable part of the population, both male and female, are employed at the iron works and cotton mills in the district—the former employing the largest number; the remainder are occupied as warehousemen, clerks, and artisans.

MORTALITY

From 29th December, 1880, to 24th December, 1881, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 73.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 73 deaths would be a rate per 1,000 of	23·80
According to the township rate of occupation	24·19
According to the registration sub-district rate	25·06
The mean of these three estimates of population	24·34

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 29...	2, Warren Street	M...	1 month.....	F Cabinet maker	Convulsions
1881					
Jan. 3...	6, Holme Street	F ...	1 year	F Chemic worker	Scarlatina
,, 3...	18, Holme Street	M...	5 months ...	F Shoemaker.....	Bronchitis
,, 13...	20, Buckley Street	M...	71 years.....	Cotton spinner	Apoplexy
,, 15...	3, Buckley Street.....	F ...	59 years... ..	H Coal heaver	Diarrhœa
,, 17...	70, Poilard Street	F ...	60 years.....	H Cabinet maker	Morbus cordis
,, 24...	Rodney Court	F ...	48 years.....	Widow	Disease of heart
,, 27...	64, Tame Street.....	F ...	52 years.....	Widow	Senile decay
Feb. 1...	277, Great Ancoats Street ...	M...	3 weeks.....	F Stationer	Debility
,, 2...	9, Salter Street.....	F ...	57 years.....	H Slater	Chronic bronchitis
,, 7...	87, Every Street	F ...	4 years	F Provision dealer ...	Scarlatina
,, 28...	3, Holden's Court.....	M...	1 year	F Striker	Bronchitis
Mar. 3...	4, Oswald Street	M...	10 months...	F Iron planer.....	Diarrhœa
,, 5...	10, Providence Street	M...	7 years	F Labourer	Phthisis
,, 8...	18, Holme Street	M ..	27 years.....	Shoemaker... ..	Pneumonia
,, 10...	1, Fox Street	F ...	68 years	Widow	General decay
,, 16...	6, Salter Street	M...	8 months ...	F Spade labourer	Bronchitis
,, 18...	14, Roger's Buildings	M...	54 years.....	Labourer	Do.
,, 21...	107, Tame Street	F ...	1 year	F Market porter	Laryngitis
,, 22...	30, Harrison Street	M...	7 years	F Shoemaker.....	Scarlet fever
,, 29...	11, Harrison Street	F ...	52 years.....	Widow	Natural disease
Apl. 16...	50, Pollard Street.....	M...	1 year	F Mechanic	Bronchitis
,, 16...	10, Schofield Street.....	F ...	1 year.....	F Cotton tenter	Ulceration of groin
,, 25...	45, Brown Street	F ...	1 year.....	F Lithographic printer	Convulsions
,, 27...	67, Junction Street	M...	3 weeks ...	F Stonemason	Anæmia
May 17...	18, Roger's Buildings	F ...	50 years.....	Seamstress	Chronic bronchitis
,, 17...	93, Every Street	F ...	1 year	F Warehouse packer...	Pertussis
,, 21...	9, Harding Street.....	M...	48 years.....	Indiarubber worker	Peritonitis

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
May 23...89,	Tame Street	F	51 years.....	H Warehouse porter...	Phthisis
„ 28...10,	Providence Place	M	5 months ...	F Spade labourer.....	Bronchitis
„ 30...10,	Holme Street	F	61 years.....	H Iron moulder.....	Do.
June 3...19,	Harrison Street	F	63 years.....	H Bricklayer	Natural causes
„ 7...107,	Every Street.....	M	1 day	F Brushmaker	Debility
„ 13...1,	Schofield Street	F	44 years.....	Cotton weaver	Apoplexy
„ 17...3,	Kennedy Street	M	1 year	F Bricklayer.....	Bronchitis
„ 21...3,	Caledon Street	F	2 years	F Warehouse packer...	Pertussis
„ 22...6,	Providence Street	M	4 months ...	F Labourer	Tabes
„ 24...1,	Mawdsley's Place	F	22 years.....	H Foundry labourer...	Phthisis
„ 28...112,	Tame Street	M	50 years.....	Farmer	Do.
July 7...13,	Kennedy Street	F	13 years.....	F Iron labourer.....	Do.
„ 20...63,	Every Street	F	64 years.....	H Warehouseman.....	Bronchitis
„ 27...3,	Holme Street	M	1 year	F Labourer	Diarrhœa
Aug. 1...11,	North Street	M	4 years	F Carter.....	Pneumonia
„ 16...16,	Fox Street	F	5 years	F Iron turner	Tabes
„ 22...2,	Harrison Street.....	F	35 years.....	Yarn picker	Bronchitis
Sep. 5...25,	Holme Street	F	4 years	F Warehouseman	Convulsions
„ 8...7,	Brown Street.....	M	56 years.....	Mechanic	Pneumonia
„ 16...14,	Junction Street	F	3 months ...	F Professional singer	Marasmus
„ 20...2,	Parliament Square	F	7 months ...	F Carder	Measles
„ 21...81,	Tame Street	M	11 months...	F Porter.....	Do.
„ 28...Read's	Place	M	3 years	F Carder	Intermittent fever
„ 30...13,	Kennedy Street	M	8 months ...	F Iron labourer.....	Bronchitis
Oct. 7...2,	Read's Place	M	13 months...	F Labourer	Laryngitis
„ 7...62,	Tame Street	F	47 years.....	Mill hand	Bronchitis
„ 13...9,	Fox Street.....	M	55 years.....	Cotton overlooker...	Phthisis
„ 13...12,	Providence Place	M	18 years.....	Button maker	Febris
„ 20 . 28,	Junction Street	F	59 years.....	Weaver	Softening of brain
„ 24...85,	Every Street	F	68 years.....	H Pattern maker	Chronic bronchitis
„ 28...18,	Buckley Street	M	45 years.....	Labourer.....	Bronchitis
„ 29...73,	Tame Street	F	2 years	F Printer	Do.
„ 31...56,	Caledon Street	M	5 months ...	F Labourer	Marasmus
Nov. 1...73,	Tame Street	F	7 weeks.....	F Printer	Bronchitis
„ 3...4,	Washington Street	M	11 weeks ...	F Mill hand	Do.
„ 17...4,	Parliament Square	F	3 months ...	F Wheelwright	Atrophy
„ 24...1,	North Street	M	6 months ...	F Mill hand	Bronchitis
„ 28...2,	Harrison Street	M	66 years.....	Mill manager.....	Cirrhosis of liver
„ 30...2,	Fox Street.....	M	2 days	F Marble polisher.....	Convulsions
Dec. 2...3,	Parliament Square	M	69 years.....	Labourer	Natural causes
„ 12...26,	Fox Street	F	1 year	F Mechanic ..	Infantile tuberculosis
„ 12...2,	Fox Street	F	21 years.....	H Marble polisher.....	Puerperal fever
„ 13...11,	Stone Street	M	36 years.....	Labourer	Phthisis
„ 14...101,	Every Street.....	F	74 years.....	H Porter.....	Injuries
„ 24...52,	Harrison Street	M	1 year	F Labourer	Bronchitis

AGE AT DEATH

All under 1 year	19
„ 2 years	31
„ 3 „	33
„ 4 „	35
„ 5 „	37 = 37
Between 5 and 10 years	2
„ 10 „ 20 „	3
„ 20 „ 30 „	3
„ 30 „ 40 „	2
„ 40 „ 50 „	5
„ 50 „ 60 „	11
„ 60 „ 70 „	8
„ 70 „ 80 „	2
Total deaths.....	<u>73</u>

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year.....	26·02	Under 4 years	47·94
„ 2 years	42·46	„ 5 „	50·68
„ 3 „	45·20		
Between 5 and 10 years	2·73	Between 40 and 50 years ...	6·84
„ 10 „ 20 „	4·10	„ 50 „ 60 „ ...	15·68
„ 20 „ 30 „	4·10	„ 60 „ 70 „ ...	10·95
„ 30 „ 40 „	2·73	„ 70 „ 80 „ ...	2·73

DEATHS PER 1,000 of the mean population (2,998) at different ages

Under 1 year.....	6·33	Under 4 years	11·67
„ 2 years	10·34	„ 5 „	12·34
„ 3 „	11·00		
Between 5 and 10 years	·66	Between 40 and 50 years ...	1·66
„ 10 „ 20 „	1·00	„ 50 „ 60 „ ...	3·66
„ 20 „ 30 „	1·00	„ 60 „ 70 „ ...	2·66
„ 30 „ 40 „	·66	„ 70 „ 80 „ ...	·66

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Jan. 3...	6, Holme Street	F	...1 year	F Chemic worker	Scarlatina
Feb. 7...	87, Every Street	F	...4 years	F Provision dealer...	Do.
Mar. 22...	30, Harrison Street	M	...7 years	F Shoemaker	Scarlet fever
Sep. 28...	Read's Place	M	...3 years	F Carder	Intermittent fever

MEASLES

Sep. 20...	2, Parliament Square	F	...7 months ...	F Carder	Measles
„ 21...	81, Tame Street	M	...11 months ...	F Porter.....	Do.

WHOOPIING COUGH

May 17...	93, Every Street	F	...1 year.....	F Packer	Pertussis
June 21...	3, Caledon Street.....	F	...2 years	F Packer	Do.

DIARRHŒA

Jan. 15...	3, Buckley Street	F	...59 years ...	H Coal labourer.....	Diarrhœa
Mar. 3...	4, Oswald Street	M	...10 months	F Iron planer.....	Do.
July 27...	3, Holme Street	M	...1 year	F Labourer	Do.

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 3...	18, Holme Street	M	...5 months ...	F Shoemaker.....	Bronchitis
Feb. 28...	3, Holden's Court	M	...1 year	F Striker	Do.
Mar. 8...	18, Holme Street	M	...27 years.....	F Shoemaker.....	Pneumonia
„ 16...	6, Salter Street.....	M	...8 months ...	F Labourer	Bronchitis
„ 18...	14, Roger's Buildings	M	...54 years.....	F Labourer	Do.
Apl. 16...	50, Pollard Street.....	M	...1 year	F Mechanic	Do.
May 28...	10, Providence Place	M	...5 months ...	F Labourer	Do.
„ 30...	10, Holme Street	F	...61 years.....	H Moulder.....	Do.
June 17...	3, Kennedy Street	M	...1 year	F Bricklayer	Do.
July 20...	63, Every Street	F	...64 years.....	H Warehouseman	Do.
Aug. 1...	11, North Street	M	...4 years	F Carter	Pneumonia
„ 22...	2, Harrison Street	F	...35 years.....	H Spinner	Bronchitis
Sep. 8	7, Brown Street ..	M	...56 years.....	F Mechanic	Pneumonia
„ 30...	13, Kennedy Street	M	...8 months ...	F Labourer	Bronchitis
Oct. 7...	62, Tame Street	F	.. 47 years	F Mill hand	Do.
„ 28...	18, Buckley Street	M	...45 years.....	F Labourer	Do.
„ 29...	73, Tame Street	F	...2 years	F Printer	Do.
Nov. 1	73, Tame Street ...	F	...7 weeks.....	F Printer	Do.
„ 3...	4, Washington Street	M	...11 weeks ...	F Mill hand	Do.
„ 24...	1, North Street ...	M	...6 months ...	F Mill hand	Do.
Dec. 24...	52, Harrison Street	M	...1 year	F Labourer	Do.

CAUSES OF DEATH—continued

LARYNGITIS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 21...	107, Tame Street	F	...1 year	F Porter.....	Laryngitis
Oct. 7...	2, Read's Place	M	...13 months...	F Labourer	Do.

CHRONIC BRONCHITIS

Feb. 29,	Salter Street	F	...57 years..	H Slater.....	Chronic bronchitis
May 17...	18, Roger's Buildings	F	. 50 years.....	Seamstress	Do.
Oct. 24...	85, Every Street	F	...68 years.....	H Pattern maker ..	Do.

PHTHISIS PULMONALIS

Mar. 5...	10, Providence Street	M	...7 years	F Labourer	Phthisis
May 23...	89, Tame Street	F	...51 years.....	H Porter.....	Do.
June 24...	1, Mawdsley's Place....	F	...22 years.....	H Labourer	Do.
„ 28...	112, Tame Street	M	...50 years.....	Farmer	Do.
July 7...	13, Kennedy Street	F	...13 years.....	F Labourer	Do.
Oct. 13...	9, Fox Street	M	...55 years.....	Overlooker	Do.
Dec. 13...	11, Stone Street	M	...36 years.....	Labourer	Do.

INFANTILE TUBERCULOSIS

Dec. 12...	26, Fox Street	F	...1 year	F Mechanic	Infantile tuberculosis
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DISEASES OF NERVOUS SYSTEM

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, WASTING, &c.

Jan. 27...	64, Tame Street	F	...52 years.....	Widow	Senile decay
Feb. 1...	277, Great Ancoats Street ..	M	...3 weeks.....	F Stationer ...	Debility
Mar. 10...	1, Fox Street.....	F	...68 years.....	Widow	General decay
Apl. 27...	67, Junction Street	M	...3 weeks.....	F Stonemason	Anæmia
June 7...	107, Every Street.	M	...1 day.....	F Brushmaker	Debility
„ 22...	6 Providence Street	M	...4 months ..	F Labourer	Tabes
Aug. 16 ..	16, Fox Street	F	...5 years	F Turner	Do.
Sep. 16...	14, Junction Street	F	...3 months ...	F Singer	Marasmus
Oct. 13...	12, Providence Place	M	...18 years.....	Button maker	Febris
„ 31...	56, Caledon Street	M	...5 months ...	F Labourer	Marasmus
Nov. 17..	4, Parliament Square	F	...3 months ...	F Wheelwright	Atrophy

CONVULSIONS

Apl. 25...	45, Brown Street	F	...1 year	F Printer	Convulsions
Sep. 5..	25, Holme Street	F	...4 years	F Warehouseman.....	Do.
Nov. 30...	2, Fox Street	M	...2 days	F Marble polisher.....	Do.

CAUSES OF DEATH—continued

APOPLEXY

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Jan. 13...20,	Buckley Street	M...	71 years.....	Spinner	Apoplexy
June 13...1,	Schofield Street	F ...	44 years.....	Weaver	Do.

PUERPERAL DISEASE

Dec. 12...2,	Fox Street	F ...	21 years.....	H Polisher.....	Puerperal fever
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DISEASES OF HEART

Jan. 17...70,	Pollard Street.....	F ...	60 years.....	H Joiner	Morbus cordis
„ 24...Rodney Court		F ...	48 years.....	Widow	Disease of heart

DISEASES OF LIVER

Nov. 28...2,	Harrison Street	M...	66 years.....	Manager.....	Cirrhosis of liver
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DISEASES OF BRAIN

Oct. 20. .28,	Junction Street	F ...	59 years.....	Weaver	Softening of brain
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ULCERS

Apl. 16...10,	Schofield Street	F ...	1 year	F Tenter	Ulceration of groin
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DISEASES OF BOWELS

May 21...9,	Harding Street	M...	48 years.....	Indiarubber worker	Peritonitis
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CORONER'S INQUESTS

1880

Dec. 29...2,	Warren Street	M...	1 month	F Joiner.....Convulsions
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1881

Mar. 29...11,	Harrison Street	F	52 years.....	Widow	Natural disease
June 3...19,	Harrison Street	F ...	63 years	H Bricklayer	Do.
Dec. 2...3,	Parliament Square	M...	69 years.....	Labourer	Do.
„ 14...101,	Every Street.....	F ...	74 years.....	H Porter .....	.....Injuries

PROPORTION PER CENT. *to total number of deaths from all causes*

Zymotic diseases	10·95	Diseases of nervous system,	
Scarlet fever	5·47	asthenia, atrophy, debility,	
Measles	2·73	tabes mesenterica, maras-	
Whooping cough	2·73	mus, wasting, &c.	15·06
		Convulsions	4·10
Diarrhœa	4·10	Apoplexy	2·73
Diseases of lungs	46·57	Puerperal disease	1·36
Pneumonia and acute bron-		Diseases of heart	2·73
chitis	28·76	Diseases of liver	1·36
Laryngitis	2·73	Diseases of brain	1·36
Chronic bronchitis	4·10	Ulcers	1·36
Phthisis pulmonalis	9·58	Diseases of bowels	1·36
Infantile tuberculosis	1·36	Coroner's inquests.....	6·84

PROPORTION OF DEATHS PER 1,000 *of population (or rate of mortality) from each class of disease, and from the several forms of disease*

Zymotic diseases	2·66	Diseases of the nervous system,	
Scarlet fever	1·33	asthenia, atrophy, debility,	
Measles	·66	tabes mesenterica, maras-	
Whooping cough	·66	mus, wasting, &c.	3·66
		Convulsions	1·00
Diarrhœa	1·00	Apoplexy	·66
Diseases of lungs	11·34	Puerperal disease	·33
Pneumonia and acute bron-		Diseases of heart	·66
chitis	7·00	Diseases of liver	·33
Laryngitis	·66	Diseases of brain	·33
Chronic bronchitis	1·00	Ulcers	·33
Phthisis pulmonalis	2·33	Diseases of bowels	·33
Infantile tuberculosis	·33	Coroner's inquests.....	1·66

REGISTRATION SUB-DISTRICT
ANCOATS.

SANITARY DISTRICT NO. 8.

SCALE 8 INCHES = 1/4 OF A MILE.

- HOUSES BUILT BEFORE 1830
- " " " 1850
- " " " 1870
- " " " SINCE 1870
- MILLS, WAREHOUSES, CHURCHES, &c.
- PUBLIC HOUSES X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 8

BOUNDARIES

Great Ancoats Street	Tame Street
Brown Street	Every Street
Kennedy Street	Harding Street
Oswald Street	River Medlock

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 8 SANITARY DISTRICT

Number 25

Number 27

,, 26

,, 29

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 8 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING
FROM BROWN STREET TO PALMERSTON STREET :—

Great Ancoats Street	Garden Place
Brown Street	Dundas Street
South Street	Kertch Street
Garden Street	Fleetwood Street
Tame Street	Napier Street
No. 2 Passage, Tame Street	Vivian Street
Kennedy Street	Ancoats Grove, Back Ancoats Grove
Oswald Street	Grace Street
M'William Street	Williams' Place
M'William's Court	Dunn Street
No. 1 Passage, Tame Street	Ancoats Grove North
Every Street	Christ Church Cottages
Harding Street	Grove Place
Webster Street	Palmerston Street
Kirk Street	Sarah Street
Webster Place	Priestley Street
Newby Street	Hamer Street
Johnson Street	Lillie Street
Johnson's Buildings	Kirkpatrick's Buildings, Palmerston
No. 1 Court, Johnson Street	Street
Tutbury Street	

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Great Ancoats Street	55	0	No. 1 Passage, Tame Street	25	7
Palmerston Street.....	48	0	Garden Street	24	5
Great Ancoats Street	47	0	Christ Church Cottages ...	24	3
Every Street.....	42	5	Webster Place	24	3
Tutbury Street.....	42	1	Kirkpatrick's Buildings ...	24	2
Harding Street.....	42	0	Kertch Street	24	1
Oswald Street	36	7	Napier Street	24	1
Webster Street	36	4	Vivian Street	24	1
Tame Street.. ..	36	0	Lillie Street	24	0
South Street.....	35	8	Dundas Street	23	11
Grace Street.....	35	7	Dunn Street.....	23	11
Garden Place	31	9	Johnson Street.....	19	2
Newby Street	31	2	Grove Place	18	4
Priestley Street.....	30	4	M'William Street.....	18	3
Ancoats Grove.....	30	3	Ancoats Grove North	17	10
Fleetwood Street	30	3	No. 2 Passage, Tame Street	14	3
Hamer Street	30	2	Back Ancoats Grove.....	13	8
Williams' Place.....	30	1	No. 1 Court, Johnson Street	11	9
Sarah Street.....	29	10	M'William's Court	9	10
Johnson's Buildings.....	29	9	No. 2 Passage, Tame Street	5	4
Kennedy Street	27	1	Kirk Street	open space	
Brown Street	26	3			

THE STREETS ARRANGED ALPHABETICALLY

Ancoats Grove, Back Ancoats Grove	Hamer Street
Ancoats Grove North	Harding Street
Brown Street	Johnson Street
Christ Church Cottages	Johnson's Buildings
Dundas Street	Kennedy Street
Dunn Street	Kertch Street
Every Street	Kirk Street
Fleetwood Street	Kirkpatrick's Buildings, Palmerston
Garden Place, Tutbury Street	Street
Garden Street	Lillie Street
Grace Street	M'William Street
Great Ancoats Street	M'William's Court
Grove Place	Napier Street

Newby Street
 No. 1 Court, Johnson Street
 No. 1 Passage, Tame Street
 No. 2 Passage, Tame Street
 Oswald Street
 Palmerston Street
 Priestley Street
 Sarah Street

South Street
 Tame Street
 Tutbury Street
 Vivian Street
 Webster Place
 Webster Street
 Williams' Place

ALTITUDES ABOVE THE SEA LEVEL

			ft.	in.
Bolt mark corner of	Every Street and Harding Street	.....	157	7
„	„	Every Street and Oswald Street	.....	154 0
„	„	Every Street and Ancoats Grove.....	150	8
„	„	Every Street and M'William Street	.....	148 0
„	„	Every Street and Great Ancoats Street	.....	143 4

SEWERS

The subsoil underlying the district is clay, which lies directly on the coal formation in the northern half of the district, and on the Permian rock in the southern half.

The slope of this district is in a south-easterly direction towards the river Medlock. The highest point of the district is at the corner of Every Street and Harding Street, being 157ft. 7in. above the mean sea level at Liverpool, and the lowest at the corner of Great Ancoats Street and Every Street, being 143ft. 4in. The principal sewers of the district are the Great Ancoats Street, Every Street, and Palmerston Street sewers.

The Great Ancoats Street sewer enters the district at the end of Brown Street, and flows into the river Medlock at Great Ancoats Street bridge. The Every Street sewer receives the flow of the Tame Street and Kennedy Street sewers, and then passes up Every Street and out of the district. The Palmerston Street sewer receives tributaries from Dundas Street, Kertch Street, Fleetwood Street, Napier Street, and Vivian Street, and drains Ancoats Grove, along with its tributary from Ancoats Grove North, flows down Palmerston Street, and, joining the Great Ancoats Street sewer, passes into the river Medlock. The Tutbury Street sewer commences at Every Street, and, draining Johnson Street Buildings, passes along a part of Palmerston Street, and empties into the river Medlock. The Harding Street sewer drains Newby Street, and then flows into the river Medlock. The South Street sewer drains Brown Street and Garden Street, and then probably passes into the Great Ancoats Street sewer.

HOUSES

Half of the houses in the district have been built since 1850, one-fourth since 1830, and the remainder before 1830.

The houses in the district are generally of a better class than those in the previous district. There are a few courts, some of which are confined, but kept in a clean condition. There is some very old property at the corner of Every Street, known as Ancoats Old Hall, which is shown on Green's map for the year 1794, being at that time surrounded with ornamental grounds.

The widths of the streets range from 55ft. to 9ft. 10in., the greater number of them being about 24ft., the Bye-laws of the Council of the city of Manchester (1868), which require a width of 30ft. for every street after the date thereof, being not then in force.

The passages vary in width; those passing through the newly erected property are wide, but the passages of the property which was built prior to the year 1868 are narrow, and in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floor. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 684 houses, of which 42 were unoccupied, leaving 642 as inhabited houses.

PLACES OF WORSHIP

All Souls', Church of England	Every Street
Round Chapel, Baptist	Every Street

SCHOOL

Baptist Sunday School	Every Street
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PUBLIC INSTITUTION

Manchester Corporation, Ancoats Free Library...	Every Street
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WORKS

Southam & Wheeldon, Saw Mills	Every Street
Alfred Daniels, Machine Broker	Every Street
E. Wyme, Joiner and Builder	Ancoats Grove North
Joseph King, Iron Merchant	Palmerston Street
Ancoats Vale Printing Company	Palmerston Street
— Larkin, Soap Works	Palmerston Street
Luke Smethurst, General Carrier	Palmerston Street
Reid & Co., Screw Bolt Works.....	Palmerston Street
Ancoats Vale Rubber Company	Palmerston Street
Midland Railway Company, Goods Store.....	Palmerston Street

POPULATION

The average number of persons per house for the entire city of	
Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 8 Sanitary District contained, according to the Overseers'	
books for the current year, 642 inhabited houses, this	
multiplied by 5·01 will give as the number of inhabitants...	3,216
Multiplied by 4·93 the number will be	3,165
Multiplied by 4·76 the number will be	3,055
The mean of these three estimates is	3,145

which will tolerably represent the population of the district.

A considerable part of the male population are employed at the Ancoats Vale rubber works and printing works in Palmerston Street. The remaining part of the district is occupied by artisans, clerks, and warehousemen who have business in the city.

MORTALITY

From 1st January, 1881, to 28th December, 1881, the total number of deaths in the district from all causes, in the homes of the people, was 59.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 59 deaths would give a rate of	18·34
According to the township rate of occupation	18·51
According to the registration sub-district rate	19·31
The mean of these three estimates of population	18·75

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Jan. 1...15,	Williams' Place	M...	56 years.....	Warehouseman	Epithelioma of tongue
„ 3...24,	Grace Street	M...	64 years.....	Mechanic	Bronchitis
„ 7...14,	Vivian Street	M...	9 months ...F	Cotton drawer	Pneumonia
„ 15...25,	Garden Street.....	M...	69 years.....	Joiner	Chronic bronchitis
„ 17...7,	Garden Street	M...	11 months...F	Joiner	Convulsions
„ 17...15,	Fleetwood Street	M...	59 years.....	Calico printer	Bronchitis
„ 24...65,	Ancoats Grove	F ...	40 years.....H	Machine grinder ...	Do.
„ 26...10,	Garden Place	F ...	1 year	F Railway checker ...	Measles
„ 26...8,	Napier Street	M...	23 years.....	Iron turner.....	Bronchitis
„ 26...16,	Johnson's Buildings	M...	7 weeks	F Packer	Convulsive fit
„ 31...1,	Williams' Place	M...	5 years	F Calenderer	Pneumonia
„ 31...27,	Every Street	M...	3 months ...F	House painter	Marasmus
Feb. 9...7,	Garden Place	M...	61 years.....	Maker-up	Phthisis
„ 14...2,	Webster Place	F ...	2 years	F Railway labourer ...	Bronchitis
„ 16...6,	Dunn Street	M...	36 years.....	Hawker	Pneumonia
„ 26...33,	Every Street	F ...	1 year	F Hawker	Bronchitis
Mar. 1...42,	Tutbury Street	M...	49 years.....	Mechanic	Phthisis
„ 2...35,	Every Street	F ...	1 hour	F Labourer.....	Premature birth
„ 3...128,	Palmerston Street	F ...	61 years.....H	Carter.....	Heart disease
„ 7...1,	Vivian Street	M...	7 months ...F	Cotton mill stoker...	Pertussis
„ 8...5,	Johnson's Court	F ...	6 months ...F	Wood turner	Encephalitis
„ 11...347,	Great Ancoats Street ...	M...	58 years.....	Beerseller	Hepatic disease
„ 15...30,	Tutbury Street	M...	2 weeks.....F	Agent	Debility
„ 16...37,	Every Street	F ...	50 years.....H	Striker	Phthisis
„ 19...10,	Garden Street.....	F ...	2 years	F Warehouseman	Meningitis
„ 25...81,	Palmerston Street	M...	1 year	F Pork butcher.....	Bronchitis

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 2...3,	M'William Street	M...	29 years	Foundry labourer...	Phthisis
„ 4 ..3,	Fleetwood Street	F ...	66 years... ..	H Engine driver	Bronchitis
„ 14...7,	Webster Place	F ..	3 months ...	F Labourer	Do.
„ 18...24,	Garden Street.....	M...	11 months ...	F Fish curer	Do.
„ 21...36,	Ancoats Grove North ...	M...	1 month.....	F Coppersmith	Convulsive fit
„ 28 ..1,	Kertch Street	M...	32 years.....	Carter.....	Suppression of urine
May 14...6,	Grove Place	M...	4 months ...	F Joiner.....	Marasmus
„ 19...11,	Williams' Place.....	M ..	42 years.....	Carter.....	Bronchitis
„ 20...188,	Palmerston Street	M...	55 years.....	Mechanic	Pneumonia
„ 21...23,	Llanfair Street	F ...	3 years	F Bricklayer.....	Bronchitis
„ 25...9,	Williams' Place	M...	3 years	F Farrier	Marasmus
„ 26...20,	Every Street	F ...	73 years	H Upholsterer	Bronchitis
June 8...30,	Grace Street	M...	9 months ...	F Brass moulder	Meningitis
„ 20 ..42,	Every Street	M...	4 months ...	F Maker-up	Do.
„ 25...2,	Webster Place	F ...	3 years	F Railway engineer...	Pertussis
July 4...14,	Garden Place	F ...	48 years.....	H Porter.....	Scirrhus mamma
„ 13...55,	Ancoats Grove	M...	6 years	F Joiner.....	Diarrhœa
Aug. 1...3,	South Street	F ...	44 years.....	H Market porter	Hemiplegia
„ 4...16,	Garden Street.....	F ...	25 years... ..	H Street pavior.....	Phthisis
„ 4...30,	Tame Street	F ...	1 year	F Milk dealer	Meningitis
„ 16...10,	Fleetwood Street	M...	5 years	F Salesman	Peritonitis
„ 23...18,	Napier Street	F ...	3 months ...	F Iron driller	Syphilis
Sep. 12...8,	Grace Street.....	F ...	65 years.....	H Iron moulder	Emphysema
„ 26...16,	Every Street	F ...	78 years.....	Widow ..	Hemiplegia
Oct. 7...24,	Brown Street	M...	9 years	F Labourer	Meningitis
„ 8...1,	Passage, Tame Street	M...	10 months ...	F Labourer	Do.
„ 26.. 50,	Every Street	M...	4 years	F Iron planer.....	Diabetes
Nov. 25...120,	Palmerston Street.....	F ...	57 years.....	Dre-smaker	Cardiac disease
Dec. 10...40,	Brown Street	F ...	45 years.....	H Pavior.....	Bronchitis
„ 11...4,	Kertch Street.....	M...	47 years.....	Policeman	Do.
„ 22...12,	Harding Street	F ...	43 years.....	H Carter.....	Obstruction of bowels
„ 27 7,	Ancoats Grove	M...	27 years.....	Tinplate worker ...	Phthisis
„ 28...11,	Sarah Street	M...	53 years.....	Labourer	Pleuritis

AGE AT DEATH

All under 1 year	16	
„ 2 years	20	
„ 3 „	22	
„ 4 „	25	
„ 5 „	26	= 26
Between 5 and 10 years	4	
„ 10 „ 20 „	—	
„ 20 „ 30 „	4	
„ 30 „ 40 „	2	
„ 40 „ 50 „	8	
„ 50 „ 60 „	7	
„ 60 „ 70 „	6	
„ 70 „ 80 „	2	
Total deaths.....	59	

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year.....	27.11	Under 4 years	42.37
„ 2 years	33.89	„ 5 „	44.06
„ 3 „	37.28		
Between 5 and 10 years	6.77	Between 40 and 50 years ...	13.55
„ 10 „ 20 „	—	„ 50 „ 60 „ ...	11.86
„ 20 „ 30 „	6.77	„ 60 „ 70 „ ...	10.16
„ 30 „ 40 „	3.38	„ 70 „ 80 „ ...	3.38

DEATHS PER 1,000 of the mean population (3,145) at different ages

Under 1 year.....	5.08	Under 4 years	7.94
„ 2 years	6.35	„ 5 „	8.26
„ 3 „	6.99		
Between 5 and 10 years	1.27	Between 40 and 50 years ...	2.54
„ 10 „ 20 „	—	„ 50 „ 60 „ ...	2.22
„ 20 „ 30 „	1.27	„ 60 „ 70 „ ...	1.90
„ 30 „ 40 „ .....	.63	„ 70 „ 80 „ ...	.63

CAUSES OF DEATH

ZYMOTIC DISEASES

TYPHUS AND TYPHOID FEVER

MEASLES

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Jan. 26...	10, Garden Place	F	...1 year	F Railway checker ...	Measles

WHOOPIING COUGH

Mar. 7...	1, Vivian Street	M	...7 months .	F Stoker.....	Pertussis
June 25...	2, Webster Place.....	F	...3 years	F Railway engineer...	Do.

DIARRHŒA

July 13...	55, Ancoats Grove	M	...6 years	F Joiner.....	Diarrhœa
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DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 3...	24, Grace Street	M	...64 years.....	Mechanic	Bronchitis
, 7...	14, Vivian Street	M	...9 months ...	F Cotton drawer	Pneumonia
, 17...	15, Fleetwood Street	M	...59 years.....	Calico printer	Bronchitis
, 24...	65, Ancoats Grove	F	40 years.....	H Grinder	Do.
, 26...	8, Napier Street	M	...23 years.....	Iron turner.....	Do.
, 31...	1, William Street.....	M	...5 years ...	F Calenderer	Pneumonia
Feb. 14...	2, Webster Place	F	...2 years	F Railway labourer ...	Bronchitis
, 16...	6, Dunn Street	M	...36 years.....	Hawker	Pneumonia
, 26...	33, Every Street	F	...1 year	F Hawker	Bronchitis
Mar. 25...	81, Palmerston Street	M	...1 year	F Butcher	Do.
Apl. 4...	3, Fleetwood Street	F	...66 years.....	H Engineer	Do.
, 14...	7, Webster Place	F	...3 months ...	F Labourer	Do.
, 18...	24, Garden Street.....	M	...11 months...F	F Fish curer	Do.
May 19...	11, Williams' Place	M	42 years.....	Carter.....	Do.
, 20...	188, Palmerston Street	M	...55 years	Mechanic	Pneumonia
, 21...	23, Llanfair Street	F	...3 years	F Bricklayer	Bronchitis
, 26...	20, Every Street	F	...73 years.....	H Upholsterer	Do.
Sep. 12...	8, Grace Street	F	...65 years.....	H Moulder	Emphysema
Dec. 10...	40, Brown Street	F	45 years.....	H Pavior.....	Bronchitis
, 11...	4, Kertch Street.....	M	...47 years.....	Policeman	Do.
, 28...	11 Sarah Street	M	...53 years.....	Labourer	Pleuritis

CAUSES OF DEATH—continued

CHRONIC BRONCHITIS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Jan. 15...25,	Garden Street	M...	69 years.....	Joiner.....	Chronic bronchitis

PHTHISIS PULMONALIS

Feb. 9...7,	Garden Place	M...	61 years.....	Packer	Phthisis
Mar. 1 . 42,	Turbury Street	M...	49 years.....	Mechanic	Do.
„ 16...37,	Every Street	F ...	50 years.....	H Striker	Do.
Apl. 2...3,	M'William Street	M .	29 years.....	Labourer	Do.
Aug. 4...16,	Garden Street.....	F ...	25 years.....	H Pavior.....	Do.
Dec. 27...7,	Ancoats Grove	M...	27 years.....	Tinplate worker ...	Do.

DISEASES OF NERVOUS SYSTEM

CONVULSIONS

Jan. 17...7,	Garden Street	M...	11 months...	F Joiner	Convulsions
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DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

Jan. 31...27,	Every Street	M...	3 months ...	F Painter	Marasmus
Mar. 15...30,	Turbury Street	M...	2 weeks.....	F Agent	Debility
May 14...6,	Grove Place	M...	4 months ...	F Joiner.....	Marasmus
„ 25...9,	Williams' Place	M...	3 years	F Farrier	Do.

PREMATURE BIRTH

Mar. 2...35,	Every Street ..	F ...	1 hour	F Labourer	Premature birth
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DISEASES OF HEART

Mar. 3...128,	Palmerston Street	F ...	61 years	H Carter	Heart disease
Nov. 25...120,	Palmerston Street	F ...	57 years.....	Dressmaker	Do.

DISEASES OF BRAIN

Mar. 8...5,	Johnson's Court	F ...	6 months ...	F Wood turner.....	Encephalitis
„ 19...10,	Garden Street.....	F ...	2 years	F Warehouseman ..	Meningitis
June 8...30,	Grace Street	M...	9 months ...	F Moulder.....	Do.
„ 20...42,	Every Street	M..	4 months ...	F Packer	Do.
Aug. 4...30,	Tame Street	F ...	1 year	F Milk dealer	Do.
Oct. 7...24,	Brown Street	M...	9 years	F Labourer	Do.
„ 8...1,	Passage, Tame Street	M...	10 months ...	F Labourer	Do.

CAUSES OF DEATH—continued

DISEASE OF LIVER

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 11...	347, Great Ancoats Street	M	58 years.....	Beerseller	Hepatic disease

DISEASE OF KIDNEYS

Apl. 28...	1, Kertch Street	M	32 years.....	Carter	Suppression of urine
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DISEASES OF BOWELS

Aug. 16...	10, Fleetwood Street	M	5 years	F Salesman	Peritonitis
Dec. 22...	12, Harding Street	F	43 years.....	H Carter.....	Obstruction of bowels

SYPHILIS

Aug. 23...	18, Napier Street	F	3 months	F Driller	Syphilis
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PARALYSIS

Aug. 1...	3, South Street	F	44 years.....	H Market porter	Hemiplegia
Sep. 26...	16, Every Street	F	78 years.....	Widow	Do.

CANCEROUS DISEASES

Jan. 1...	15, Williams' Place	M	56 years.....	Warehouseman.....	Diseased tongue
July 4...	14, Garden Place	F	48 years.....	H Porter...	Scirrhus mamma

DIABETES

Oct. 26...	50, Every Street	M	4 years	F Iron planer	Diabetes
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CORONER'S INQUESTS

Jan. 26...	16, Johnson's Buildings	M	7 weeks.....	F Packer	Convulsions
Apl. 21...	36, Ancoats Grove	M	1 month	F Coppersmith	Do.

PROPORTION PER CENT. *of total number of deaths from all causes*

Zymotic diseases	5·08	Diseases of debility, asthenia,	
Measles	1·69	atrophy, debility, tabes	
Whooping cough	3·38	mesenterica, marasmus,	
		inanition, wasting, &c. ...	6·77
Diarrhœa	1·69	Premature birth	1·69
		Diseases of heart	3·38
Diseases of lungs	47·45	Diseases of brain	11·86
Pneumonia and acute bron-		Diseases of liver	1·69
chitis	35·59	Diseases of kidneys	1·69
Chronic bronchitis.....	1·69	Diseases of bowels	3·38
Phthisis pulmonalis	10·16	Syphilis.....	1·69
		Paralysis	3·38
Diseases of nervous system—		Cancerous diseases	3·38
Convulsions	1·69	Diabetes	1·69
		Coroner's inquests.....	3·38

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	·95	Diseases of debility, asthenia,	
Measles	·31	atrophy, debility, tabes	
Whooping cough	·63	mesenterica, marasmus,	
		inanition, wasting, &c. ...	1·27
Diarrhœa	·31	Premature birth	·31
		Diseases of heart	·63
Diseases of lungs	8·90	Diseases of brain	2·22
Pneumonia and acute bron-		Diseases of liver	·31
chitis	6·67	Diseases of kidneys	·31
Chronic bronchitis	·31	Diseases of bowels	·63
Phthisis pulmonalis	1·90	Syphilis.....	·31
		Paralysis	·63
Diseases of nervous system—		Cancerous diseases	·63
Convulsions	·31	Diabetes	·31
		Coroner's inquests.....	·63

REGISTRATION SUB-DISTRICT ANCOATS.

SANITARY DISTRICT NO. 9.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

- HOUSES BUILT BEFORE 1830
- " " 1850
- " " 1870
- " " SINCE 1870
- PUBLIC BUILDINGS, WAREHOUSES, &c.
- PUBLIC HOUSES X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 9

BOUNDARIES

Harding Street	Love Street
Every Street	Chesshyre Street
Junction Street	Mitchell Street
Pollard Street	River Medlock

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 9 SANITARY DISTRICT

Number 25	Number 30
„ 27	„ 31

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 9 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING
FROM HARDING STREET TOWARDS POLLARD STREET :—

Harding Street	Price's Court
Kirk Street	Mitchell Brow
Sainsbury Street	Foote Street
Junction Street	Little Holme Street
Holland Street	Back Love Lane
Every Street	No. 1 Court, Back Love Lane
Russell Street	Jones's Court No. 1, Back Love Lane
Raglan Street	Jones's Court No. 3, Back Love Lane
Diggles Street	Love Street
Cathcart Street	Love Lane
Tetlow Street	Chesshyre Street
Thompson Street	White Street, Mitchell Street
Broughton Street	Lindon Street
Copestick Street	Smith Street
Ryder's Place	Bennett's Court
Ryder's Court	Bennett Street
Every Terrace	No. 1 Court, Price Street
Ryder's Square, Russell Street	Royle's Buildings, White Street
Mitchell Street	Margaret Street
Price Street	Pollard Street

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Mitchell Street.....	51	2	Cathcart Street.....	24	1
Mitchell Street.....	43	4	Price Street	24	0
Russell Street	43	3	Ryder's Court	23	10
Every Street.....	42	5	Diggles Street	23	9
Harding Street.....	42	0	Every Street.....	23	3
Pollard Street	42	0	Love Street	18	2
Junction Street.....	41	11	Smith Street	18	2
Russell Street	41	9	Little Holme Street... ..	18	1
Foote Street... ..	36	3	Royle's Buildings, White		
Kirk Street	36	3	Street	18	1
Tetlow Street	36	3	Bennett Street	18	0
Broughton Street.....	36	2	Lindon Street	18	0
Thompson Street	36	1	Back Love Lane	16	2
Raglan Street	36	0	Jones's Court No. 1, Back		
White Street, Mitchell Street	36	0	Love Lane	16	1
Copestick Street	35	10	Jones's Court No. 2, Back		
Holland Street.....	35	10	Love Lane	15	1
Ryder's Place	31	1	Bennett's Court	14	10
Love Lane	30	4	Price's Court.....	13	4
Margaret Street	30	0	No. 1 Court, Back Love Lane	10	3
Price Street	29	7	Mitchell Brow, Mitchell		
Chesshyre Street	24	3	Street, and Sainsbury } open		
No. 1 Court, Price Street...	24	2	Street		spaces
Ryder's Square, Russell					
Street	24	2			

THE STREETS ARRANGED ALPHABETICALLY

Back Love Lane	Holland Street
Bennett Street	Jones's Court No. 1, Back Love Lane
Bennett's Court	Jones's Court No. 2, Back Love Lane
Broughton Street	Junction Street
Cathcart Street	Kirk Street
Chesshyre Street	Little Holme Street
Copestick Street	Lindon Street
Diggles Street	Love Lane
Every Street	Love Street
Every Terrace	Margaret Street
Foote Street	Mitchell Brow
Harding Street	Mitchell Street

No. 1 Court, Back Love Lane

No. 1 Court, Price Street

Pollard Street

Price Street

Price's Court

Raglan Street

Royle's Buildings, White Street

Russell Street

Ryder's Court

Ryder's Place

Ryder's Square, Russell Street

Sainsbury Street

Smith Street

Tetlow Street

Thompson Street

White Street, Mitchell Street

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Junction Street and Every Street	157	2
„ „ Every Street and Russell Street	156	7

SEWERS

The subsoil underlying the district is clay, lying on the coal seams and other rocks.

The slope of this district is in a south-easterly direction towards the river Medlock. The highest point in the district is at the corner of Pollard Street and Love Street, being 179ft. 1in. above the mean sea level at Liverpool, and the lowest is at the lower end of Harding Street at the river Medlock. The principal sewers of the district are the Pollard Street, Mitchell Street, Junction Street, and Every Street sewers.

The Pollard Street sewer joins the Junction Street sewer, and, passing down Junction Street, flows across Every Street, and discharges into the river Medlock. The Junction Street sewer is a continuance of the Carruthers Street sewer, and flows down Junction Street, drains Holland Street, and empties into the river Medlock. The Every Street sewer drains White Street, with its tributaries from Lindon Street, Smith Street, Bennett Street, and Price Street, and then receives the Upper Russell Street sewer, with its tributaries, Margaret Street and Price Street, and then passes into the Junction Street sewer. The Mitchell Street sewer commences at the corner of Pollard Street, drains Foote Street, and, receiving the flow of the Love Lane sewer, along with its tributaries from Little Holme Street, Jones's Court, and Back Love Lane, eventually empties into the river Medlock. The Russell Street sewer drains Raglan Street, with its tributaries from Diggles Street and Cathcart Street; also Kirk Street, Copestick Street, with its tributaries, Broughton Street and Thompson Street; from thence it flows into the river Medlock.

HOUSES

A few of the houses in this district were built before 1830, the greater part of them between 1830 and 1850, and the remainder since 1850.

There are a few back-to-back houses in the district. A few of the courts are in a dirty condition, rubbish having been allowed to accumulate in the corners.

The widths of the streets range from 51ft. 2in. to 4ft. 2in., the greater number of them being 36ft. or more, in accordance with the Bye-laws of the Council of the city of Manchester (1868), which require a width of 30ft. for every street after the date thereof.

The passages vary in width ; those passing through the more recently erected property are wide, but the passages of the property which was built prior to 1868 are narrow, and in many cases the space between the back of the houses is small and insufficient. The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating space under the floors. They rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 670 houses, of which 35 were unoccupied, leaving 635 as inhabited houses.

PLACE OF WORSHIP

Ancoats Congregational ChurchEvery Street

SCHOOLS

Ancoats Congregational Sunday SchoolEvery Street
City of Manchester Board School.....Every Street

PUBLIC INSTITUTION

Star Music Hall.....Pollard Street

WORKS

J. Ridgeway, Joiner and BuilderJunction Street
Joseph Marsden, Machine Broker.....Mitchell Street
John Tetlow, Shuttle WorksRussell Street

POPULATION

The average number of persons per house for the entire city of	
Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 9 Sanitary District contained, according to the Overseers'	
books for the current year, 635 inhabited houses, this	
multiplied by 5·01 will give as the number of inhabitants...	3,181
Multiplied by 4·93 the number will be	3,130
Multiplied by 4·76 the number will be	3,022
The mean of these three estimates is	3,111

which will tolerably represent the population of the district.

There are no works of any importance in this district, it being chiefly occupied by warehousemen and clerks who have business in the city.

MORTALITY

From 11th January, 1881, to 10th December, 1881, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 61.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 61 deaths would be a rate per 1,000 of	19·17
According to the township rate of occupation	19·48
According to the registration sub-district rate	20·18
The mean of these three estimates of population	19·60

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Jan. 11...	44, Kirk Street	F	...8 months	...F Stonemason	Dentition
„ 13...	40, Price Street ..	F	...24 years.....	Cotton worker	Phthisis
„ 17...	40, Kirk Street	F	...51 years.....	H Cotton overlooker...	Bright's disease
„ 21...	22, Russell Street	F	...56 years.....	H Tailor	Bronchitis
„ 22...	25, Raglan Street	F	..24 years.....	H Railway porter	Pneumonia
„ 24...	25, Copestick Street.....	F	.. 1 year	F Farrier	Meningitis
„ 26...	3, Jones's Court	F	...45 years.....	H Baker	Chronic bronchitis
Feb. 4...	118, Pollard Street	F	...54 years.....	H Iron worker	Apoplexy
„ 4...	6, Smith Street	M	...21 years.....	Mechanic	Phthisis
„ 5...	1, Raglan Street	F	...11 months...	F Tool fitte r.....	Suffocated from vomiting
„ 12...	119, Every Street.....	M	...1 year	F Railway labourer ...	Bronchitis
„ 12...	67, Junction Street	M	...43 years	Tailor .....	...Inflammation of lungs
„ 12...	4, Love Lane.....	M	...14 days	F Forgeman	Convulsions
„ 18...	138, Pollard Street	F	...45 years	H Porter..	Pneumonia
Mar. 19...	10, Chesshyre Street	F	...10 months...	F Indiarubber worker.	Bronchitis
Apl. 4...	159, Every Street.....	F	...40 years.....	H Engine driver	Peritonitis
„ 6...	20, Kirk Street	F	...1 year	F Assistant surveyor...	Scarlatina
„ 11...	18, Holland Street	M	..20 years.....	Bricklayer	Phthisis
„ 16...	38, Russell Street...	F	...69 years.....	H Shoemaker.....	Chronic bronchitis
„ 22..	8, Waugh Street	F	...6 months ...	F Private watchman...	Marasmus
„ 23...	9, Every Terrace	F	...63 years.....	H Bricklayer	Natural causes
May 13...	5, Sainsbury Street	M	...1 month.....	F Warehouse packer...	Prematurity
„ 19...	8, Diggles Street	F	...5 months ...	F Iron turner.....	Atrophy
June 3...	2, Jones's Court	F	...16 years.....	Cotton worker . . .	Phthisis
„ 3...	2, Ryder's Place	F	...57 years.....	Domestic servant ...	Do.
„ 4...	13, Spencer Street	F	...44 years	H Iron grinder	Do.
„ 13...	9, Mitchell Street.....	M	...1 year.....	F Tailor .....	...Marasmus
„ 18...	7, Junction Street.....	M	...18 years.....	Cotton piecer.....	Phthisis
July 7...	10, Diggles Street	F	...25 years.....	H Mechanic.....	Do.
„ 11...	13, Raglan Street.....	F	...1 week	F Machine strap maker	Prematurity
„ 18...	17, Price Street	F	...9 months ...	F House painter	Convulsions

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
July 19	60, Russell Street	F	1 year	F Warehouseman	Rubeola
„ 19	32, Junction Street	M	1 year	F Boiler maker	Measles
„ 30	30, White Street	M	2 days	F Railway porter	Debility
Aug. 3	14, Love Lane	M	1 year	F Hawker	Bronchitis
„ 4	116, Every Street	F	50 years	Cotton reeler	Chronic bronchitis
„ 11	25, Junction Street	M	3 months	F Striker	Marasmus
„ 13	67, Junction Street	F	2 weeks	F Cotton tenter	Debility
„ 18	2, Love Lane	F	80 years	Domestic servant	Paraplegia
„ 19	11, Thompson Street	F	8 months	F Iron driller	Tabes
Sep. 6	18, White Street	F	5 years	F Canal porter	Scarlet fever
„ 6	48, Price Street	M	1 year	F Blacksmith	Consumption
„ 6	110, Pollard Street	M	9 months	F Joiner	Marasmus
„ 20	31, Raglan Street	M	5 years	F Strap maker	Scarlatina
„ 21	4, Price Street	M	27 years	Labourer	Pneumonia
„ 27	2, Love Street	F	1 year	F Spinner	Marasmus
„ 30	4, Russell Street	F	6 months	F Iron turner	Bronchitis
Oct. 3	40, Mitchell Street	F	2 days	M Domestic servant	Prematurity
„ 6	8, Waugh Street	F	2 years	F Fireman	Cerebral meningitis
„ 10	24, Holland Street	M	6 months	F Iron turner	Marasmus
„ 12	9, Harding Street	F	3 months	F Warehouseman	Do.
„ 13	128, Pollard Street	F	11 months	M Spinner	Croup
„ 22	88, Every Street	M	17 years	F Porter	Phthisis
„ 29	25, Kirk Street	F	40 years	H Iron moulder	Puerperal septicæmia
„ 31	1, Back Love Lane	M	1 year	F Labourer	Laryngitis
Nov. 1	3, Little Holme Street	M	3 months	F Chair maker	Burns
„ 3	143, Every Street	M	5 months	F Mechanic	Bronchitis
„ 29	77, Junction Street	M	33 years	Mill hand	Pemphigus
Dec. 10	5, Every Terrace	F	2 years	F Lodge keeper	Pertussis
„ 10	20, Russell Street	F	3 months	F Labourer	Dyspepsia
„ 14	14, White Street	F	5 years	F Carter	Pertussis

AGE AT DEATH

All under 1 year	22	
„ 2 years	32	
„ 3 „	34	
„ 4 „	34	
„ 5 „	34	= 34
Between 5 and 10 years	3	
„ 10 „ 20 „	3	
„ 20 „ 30 „	6	
„ 30 „ 40 „	1	
„ 40 „ 50 „	6	
„ 50 „ 60 „	5	
„ 60 „ 70 „	2	
„ 70 „ 80 „	—	
„ 80 „ 90 „	1	
		<hr/>
Total deaths.....		61
		<hr/>

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year	36·06	Under 4 years	55·74
„ 2 years	52·45	„ 5 „	55·74
„ 3 „	55·74		
Between 5 and 10 years	4·91	Between 50 and 60 years ...	8·19
„ 10 „ 20 „	4·91	„ 60 „ 70 „ ...	3·27
„ 20 „ 30 „	9·83	„ 70 „ 80 „ ...	—
„ 30 „ 40 „	1·63	„ 80 „ 90 „ ...	1·63
„ 40 „ 50 „	9·83		

DEATHS PER 1,000 of the mean population (3,111) at different ages

Under 1 year.....	7·07	Under 4 years	10·92
„ 2 years	10·28	„ 5 „	10·92
„ 3 „	10·92		
Between 5 and 10 years	·96	Between 50 and 60 years ...	1·60
„ 10 „ 20 „	·96	„ 60 „ 70 „ ...	·64
„ 20 „ 30 „	1·92	„ 70 „ 80 „ ...	—
„ 30 „ 40 „	·32	„ 80 „ 90 „ ...	·32
„ 40 „ 50 „	1·92		

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Apl. 6...20,	Kirk Street ...	F ...1 year	.....F	Surveyor	.....Scarlatina
Sep. 6...18,	White Street	.....F ...5 years	.....F	Canal porter	.....Scarlet fever
,, 20...31,	Raglan Street	.....M...5 years	.....F	Strap maker	.....Scarlatina

MEASLES

July 19...32,	Junction Street	.....M...1 year	... ..F	Boiler maker.....	Measles
,, 19...60,	Russell Street	.....F ...1 year	.....F	Warehouseman	.....Rubeola

WHOOPIING COUGH

Dec. 10...5,	Every Terrace	.....F ...2 years	.....F	Lodge keeper	.....Pertussis
,, 14...14,	White Street	.....F ...5 years	... ..F	Carter	.....Do.

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 21...22,	Russell Street	.....F ...56 years.....	H	Tailor..	.....Bronchitis
,, 22...25,	Raglan Street	.....F ...24 years.....	H	Railway porter	.....Pneumonia
Feb. 12...119,	Every Street	.....M...1 year	.....F	Railway porter	.....Bronchitis
,, 18...138,	Pollard Street	.....F ...45 years..	H	Porter.....	Pneumonia
Mar. 19...10,	Chesshyre Street	.....F ...10 months...F		Indiarubber worker	Bronchitis
Aug. 3. 14,	Love Lane	.....M...1 year	.....F	Hawker	.....Do.
Sep. 21...4,	Price Street	.....M...27 years.....		Labourer	.....Pneumonia
,, 30...4,	Russell Street	.....F ...6 months	...F	Iron turner.....	Bronchitis
Nov. 3...143,	Every Street	.....M.. 5 months	...F	Mechanic	.....Do.

LARYNGITIS

Oct. 13...128,	Pollard Street	.....F ...11 months...M		Spinner	.....Croup
,, 31...1,	Back Love Lane	.....M...1 year	.....F	Labourer	.....Laryngitis

CHRONIC BRONCHITIS

Jan. 26...3,	Jones's Court.....	F ...45 years	.....H	Baker	.....Chronic bronchitis
Apl. 16...38,	Russell Street	.....F ...69 years.....	H	Shoemaker.....	Do.
Aug. 4...116,	Every Street	.....F ...50 years	... ..	Cotton reeler.....	Do.
Sep. 6...48,	Price Street	.....M...1 year.....	F	Blacksmith	.....Consumption

PHTHISIS PULMONALIS

Jan. 13...40,	Price Street.....	F ...24 years.....		Cotton worker	.....Phthisis
Feb. 4...6,	Smith Street	.....M...21 years.....		Mechanic	.....Do.
Apl. 11...18,	Holland Street	.....M...20 years.....		Bricklayer	.....Do.
June 3...2,	Jones's Court	.....F ...16 years.....		Cotton worker	.....Do.
,, 3...2,	Ryder's Place	.....F .. 57 years.....		Domestic servant...	Do.
,, 4...13,	Spencer Street	.....F ...44 years.....	H	Grinder	.....Do.
,, 18...7,	Junction Street	.....M...18 years.....		Cotton piecer	.....Do.
July 7...10,	Diggles Street.....	F ...25 years.....	H	Mechanic	.....Do.
Oct. 22...88,	Every Street	.....M...17 years.....	F	Porter.....	Do.

CAUSES OF DEATH—continued

DISEASES OF NERVOUS SYSTEM

CONVULSIONS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Feb. 12...4,	Love Lane.....	M...	14 days	F Forgeman	Convulsions
July 18...17,	Price Street	F ...	9 months ...	F Painter	Do.

HYDROCEPHALUS

Jan. 24...25,	Copestick Street.....	F ...	1 year	F Farrier	Meningitis
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APOPLEXY

Feb. 4...118,	Pollard Street	F ..	54 years.....	H Ironworker	Apoplexy
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DISEASES OF DEBILITY

ASTHENIA, ATROPHY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

Apl. 22...8,	Waugh Street	F ...	6 months ...	F Watchman	Marasmus
May 19...8,	Diggles Street	F ...	5 months ...	F Iron turner.....	Atrophy
June 13...9,	Mitchell Street.....	M ...	1 year	F Tailor	Marasmus
July 30...30,	White Street	M...	2 days	F Railway porter.....	Debility
Aug. 11...25,	Junction Street	M...	3 months ...	F Striker	Marasmus
„ 13...67,	Junction Street	F ...	2 weeks.....	F Tenter.....	Debility
„ 19...11,	Thompson Street	F ...	8 months ...	F Driller... ..	Tabes
Sep. 6...110,	Pollard Street	M ...	9 months ...	F Joiner.....	Marasmus
„ 27...2,	Love Street ..	F ...	1 year	F Spinner	Do.
Oct. 10...24,	Holland Street	M...	6 months ...	F Iron turner	Do.
„ 12...9,	Harding Street.....	F ...	3 months ...	F Warehouseman.....	Do.
„ 29...25,	Kirk Street... ..	F ...	40 years.....	H Moulder	Septicæmia
Nov. 29...77,	Junction Street	M...	33 years.....	Mil hand	Pemphigus
Dec. 10...20,	Russell Street	F ...	3 months ...	F Labourer	Dyspepsia

PREMATURE BIRTH

May 13...5,	Sainsbury Street	M...	1 month.....	F Packer	Prematurity
July 11...13,	Raglan Street	F ...	1 week	F Strap maker	Do.
Oct. 3...40,	Mitchell Street	F ...	2 days	M Domestic servant ...	Do.

DISEASE OF KIDNEYS

Jan. 17...40,	Kirk Street	F ...	51 years.....	H Overlooker	Bright's disease
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DISEASE OF BRAIN

Oct. 6...8,	Waugh Street	F ...	2 years	F Fireman.....	Cerebral meningitis
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DENTITION

Jan. 11...44,	Kirk Street	F ...	8 months ...	F Mason.....	Dentition
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DISEASE OF BOWELS

Apl. 4...159,	Every Street	F ...	40 years.....	H Engine driver	Peritonitis
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PARALYSIS

Aug. 18...2,	Love Lane.....	F ...	80 years.....	Domestic servant	Paraplegia
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CORONER'S INQUESTS

Feb. 5...1,	Raglan Street	F ...	11 months...	F Fitter	Suffocated
„ 12...67,	Junction Street	M...	43 years.....	Tailor	Inflammation of lungs
Apl. 23...9,	Every Terrace	F ...	63 years.....	H Bricklayer.....	Natural causes
Nov. 1...3,	Little Holme Street	M...	3 months ...	F Chairmaker	Burns

PROPORTION PER CENT. *of total number of deaths from all causes*

Zymotic diseases	11·47	Diseases of debility, asthenia,	
Scarlet fever	4·91	atrophy, tabes mesenterica,	
Measles	3·27	marasmus, inanition, wast-	
Whooping cough	3·27	ing, &c.	22·95
Diseases of lungs	39·34	Premature birth	4·91
Pneumonia and acute bron-		Diseases of kidneys	1·63
chitis	14·75	Diseases of brain	1·63
Laryngitis	3·27	Dentition	1·63
Chronic bronchitis	6·55	Diseases of bowels	1·63
Phthisis pulmonalis	14·75	Paralysis	1·63
Diseases of the nervous system	6·55	Coroner's inquests.....	6·55
Convulsions	3·27		
Hydrocephalus	1·63		
Apoplexy	1·63		







PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	2·25	Diseases of debility, asthenia,	
Scarlet fever	·96	atrophy, tabes mesenterica,	
Measles	·64	marasmus, inanition, wast-	
Whooping cough	·64	ing, &c.	4·50
Diseases of lungs	7·71	Premature birth	·96
Pneumonia and acute bron-		Diseases of kidneys	·32
chitis	2·89	Diseases of brain	·32
Laryngitis	·64	Dentition	·32
Chronic bronchitis	1·28	Diseases of bowels	·32
Phthisis pulmonalis	2·89	Paralysis	·32
Diseases of the nervous system	1·28	Coroner's inquests.....	1·28
Convulsions	·64		
Hydrocephalus	·32		
Apoplexy	·32		

REGISTRATION SUB-DISTRICT
ANCOATS.

SANITARY DISTRICT NO. 10.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

HOUSES BUILT BEFORE 1830	
" " " 1850	
" " " 1870	
" " " SINCE 1870	
MILLS, WAREHOUSES, CHURCHES, &c.	
PUBLIC HOUSES	



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 10

BOUNDARIES

South Porter Street	Mitchell Street
Cobden Street	Chesshyre Street
Gibbon Street	Pollard Street
Ashton Canal	Beswick Street
River Medlock	Butler Street

SANITARY SUB-DISTRICTS INCLUDED IN No. 10 SANITARY DISTRICT

Number 30	Number 52
„ 49	„ 54
„ 50	

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purposes of the census in 1871.

No. 10 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING FROM BRADFORD STREET TOWARDS EVERY STREET :—

Bradford Street	Branson Street
Bradford Road	Teer Street
Butler Street	Beswick Street
South Porter Street	Vincent Street
Goodwin Street	Solon Street
Flitcroft Street	Howard Street
No. 1 Passage, Flitcroft Street	Holt Town
Clayton Street	Weston Street
Cobden Street	Pump Street, Holt Town
Mangnall Street	Love Lane
Gibbon Street	Love Street
Upper Helena Street	Back Love Street
Upper Cyrus Street	Pollard Street
Cyrus Street	Chesshyre Street
Alfred Street	Spencer Street
Lind Street	No. 1 Court, Spencer Street
Helena Street	No. 2 Court, Spencer Street
Bradbury Street	Tonge Street
Matilda Street	No. 3 Court, Tonge Street
Hooley Street	Frost Street
Cowan Street	Mitchell Street
Clyde Street	Every Street

STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Mill Street	52	6	Lind Street	28	2
Mitchell Street.....	43	4	Cobden Street	24	6
Every Street.....	42	5	Tonge Street	24	4
Mangnall Street	42	2	Chesshyre Street	24	3
Clayton Street	42	0	Frost Street	24	2
Helena Street	42	0	Pump Street.....	24	2
Pollard Street	42	0	Cyrus Street.....	24	1
Butler Street	40	0	Spencer Street	24	1
Bradford Street	39	8	Teer Street	24	1
Flitcroft Street.....	38	10	Solon Street.....	24	0
Beswick Street.....	38	3	Vincent Street	24	0
Holt Town	37	9	Howard Street.....	23	8
Clyde Street.....	36	5	Love Lane	18	2
Gibbon Street	36	2	Goodwin Street	18	0
Upper Helena Street	36	0	No. 1 Court, Spencer Street	18	0
Bradford Street	35	0	No. 2 Court, Spencer Street	13	6
South Porter Street.....	35	0	No. 3 Court, Tonge Street	13	0
Hooley Street	30	4	No.1 Passage, Flitcroft Street	6	9
Love Lane	30	4	Back Love Lane	5	0
Matilda Street	30	4	Alfred Street	} all open spaces	
Cowan Street	30	3	Upper Cyrus Street		
Bradbury Street	30	0	Weston Street ...		
Branson Street.....	29	10			

THE STREETS ARRANGED ALPHABETICALLY

Alfred Street	Every Street
Back Love Lane	Flitcroft Street
Beswick Street	Frost Street
Bradbury Street	Gibbon Street
Bradford Road	Goodwin Street
Bradford Street	Helena Street
Branson Street	Holt Town
Butler Street	Hooley Street
Chesshyre Street	Howard Street
Clayton Street	Lind Street
Clyde Street	Love Lane
Cobden Street	Love Street
Cowan Street	Mangnall Street
Cyrus Street	Matilda Street

Mill Street, Holt Town
 Solon Street
 South Porter Street
 Spencer Street
 Teer Street

Tonge Street
 Upper Helena Street
 Upper Cyrus Street
 Vincent Street
 Watson Street

ALTITUDES ABOVE THE SEA LEVEL

	ft.	in.
Bolt mark corner of Clayton Street and Bradford Road	181	5
„ „ Beswick Street and Pollard Street	180	7
„ „ Pollard Street and Love Street	179	1
„ „ Beswick Street and Bradford Road.....	179	0
„ „ Butler Street and Bradford Street	179	0

SEWERS

The subsoil underlying the district is clay, resting on the Charlotte and other coal seams and rocks.

The slope of the greater part of the district is in a south-easterly direction towards the river Medlock, and the portion of the district between South Porter Street and Bradford Road slopes towards the Shooter's Brook. The highest point of the district is at the corner of Clayton Street and Bradford Road, being 181ft. 5in. above the mean sea level at Liverpool, and the lowest at the bottom of Beswick Street, on the Holt Town bridge, being 152ft. 5in.

The principal sewers of the district are the Pollard Street, Mitchell Street, Beswick Street, Clyde Street, and Bradford Road sewers, besides other minor sewers.

The Pollard Street sewer commences at the corner of Beswick Street, draining a few houses in Pollard Street, and then flowing out of the district. The Mitchell Street sewer enters the district at Chesshyre Street, receives the flow of the Chesshyre Street sewer, with its tributary from Spencer Street, and then, receiving the flow of the Frost Street sewer, passes into the river Medlock at Holt Town bridge. The Beswick Street sewer drains Lind Street and Branson Street, also Love Lane and Tonge Street, and then flows into the river Medlock. The Bradford Road sewer drains Bradford Road, joins the Butler Street sewer at the junction of Butler Street and Bradford Road, and eventually empties into the Shooter's Brook. The Clyde Street sewer receives the flow of the Gibbon Street and Helena Street sewers, also the flow of Lind Street, with its tributaries from Bradbury Street, Matilda Street, Hooley Street, and Cowan Street ; it then flows into the river Medlock at Holt Town bridge.

HOUSES

About one-fourth of the houses in this district were built before 1830, one-fourth between 1830 and 1850, one-fourth since 1850, and the remainder since 1870. There are a few back-to-back houses in the district. Some of the courts are in a poor condition; the flags in some cases are broken, and the passages are flooded with sewer water owing to the grids being stopped up with dirt and cinders. There are a number of streets which are not yet paved.

The widths of the streets range from 52ft. to 5ft., the average width being about 28ft., the Bye-laws of the Council of the city of Manchester (1868), which require a width of 30ft. for every street after the date thereof, being not then in force.

The passages vary in width; those passing through the more recently erected property are wide, but the passages of the property which was built prior to 1868 are narrow, and in many cases the space between the backs of the houses is small and insufficient.

Many of the streets are paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors. They rise directly from the ground. The outside walls are 9in. thick, and the inside walls are $4\frac{1}{2}$ in. thick. Houses thus constructed cannot be otherwise than damp.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 679 houses, of which 49 were unoccupied, leaving 630 as inhabited houses.

PLACES OF WORSHIP

Methodist Free Church Chapel.....	Beswick Street
St. John's Mission Church	Gibbon Street

SCHOOLS

Methodist Free Church Sunday School	Beswick Street
Holt Town Ragged School	Tonge Street

WORKS

Brunswick Mill Company, Mill	Bradford Road
H. Whittaker, Tin Works	Holt Town
Grimond & Co., Tarpaulin Works	Holt Town
J. B. Ward & Co., Dye Works	Holt Town
R. Garstang, Machine Smith	Holt Town
Smith & Forrest, Oil and Grease Works	Holt Town
A. Wolstenholme, Calenderer	Holt Town
E. Radford & Co., Works	Holt Town

Manchester Corporation, Sanitary Works	Holt Town
James Simpson & Co., Galvanizers	Holt Town
Messrs. Brown & Co., Cotton Mill	Gibbon Street
Messrs. Bazley & Co., Cotton Mill	Helena Street
J. C. Hooley, Rag Merchant.....	Helena Street
Edward Heaton, Boiler Works.....	Helena Street
Crighton & Co., Fan Works	Helena Street
Messrs. Gibson & Co., Cooperage.....	Gibbon Street

POPULATION

The average number of persons per house for the entire city of

Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 10 Sanitary District contained, according to the Overseers' books for the current year, 630 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants...	3,156
Multiplied by 4·93 the number will be	3,105
Multiplied by 4·76 the number will be	2,998
The mean of these three estimates is	3,086

which will tolerably represent the population of the district.

A considerable part of the male population are employed at the oil, grease, and iron works, and the Corporation sanitary works in the district. The Brunswick Mill in Bradford Street and Ward's dye works, Holt Town, find employment for a great number of females.

MORTALITY

From 29th December, 1880, to 26th December, 1881, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 104.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 104 deaths would be a rate per 1,000 of	32·94
According to the township rate of occupation	33·49
According to the registration sub-district rate	34·68
The mean of these three estimates of population	33·70

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 29...3,	Court, Tonge Street	M...	1 week	F Cotton worker	Convulsions
„ 30...1,	Spencer Street	M...	6 weeks	F Wire worker	Do.
1881					
Jan. 4...63,	Branson Street	M...	66 years	Labourer	Bronchitis
„ 7...35,	Bradford Road	M...	3 months	F Manager	Do.
„ 12 1,	Court, Spencer Street	M...	1 month	F Labourer	Spina bifida
„ 17...7,	Spencer Street	F ...	44 years	H Spindle maker	Scirrhus mamma
„ 17...34,	Branson Street	F ...	65 years	H Warehouse packer	Peritonitis
„ 17...5,	Frost Street	F ...	63 years	H Calico printer	Bronchitis
„ 27...32,	Gibbon Street	F ...	46 years	H Organ builder	Do.
Feb. 1...1,	Lind Street	M...	7 weeks	F Joiner	Marasmus
„ 1...24,	Cobden Street	M...	9 months	F Engine driver	Convulsions
„ 1...9,	Cornus Street	M...	27 years	Wire worker	Natural causes
„ 8...36,	Holt Town	F ...	65 years	H Calenderer	Bronchitis
„ 9 ..9,	Pump Street	F ...	5 months	F Cotton tenter	Scarlatina
„ 9...3,	Pump Street	F ...	53 years	H Hawker	Bronchitis
„ 10...3,	Cyrus Street	M...	3 months	F Smith	Convulsive fit
„ 15...26,	Bradford Road	F ...	32 years	Dressmaker	Diabetes
„ 23...32,	Holt Town	M...	1 year	F Oilcloth maker	Bronchitis
„ 24...6,	Lind Street	M...	61 years	Labourer	Bright's disease
„ 25...81,	Branson Street	M...	44 years	Labourer	Bronchitis
Mar. 1...18,	Teer Street	M...	1 month	F Cotton minder	Convulsive fit
„ 4...50,	South Porter Street	F ...	36 years	H Carter	Bronchitis
„ 7...1,	Love Street	F ...	66 years	Widow	Do.
„ 12...17,	Beswick Street	M...	52 years	Shoemaker	Fatty degen. of heart
„ 14...10,	Solon Street	F ...	59 years	Cotton warper	Apoplexy
„ 28...34,	South Porter Street	M...	35 years	Mechanic	Phthisis
„ 28...31,	Upper Cyrus Street	M...	6 months	F Wire worker	Convulsions
Apl. 4...9,	Bradford Road	M...	50 years	Oil sheet maker	Disease of heart
„ 12...46,	Beswick Street	F ...	40 years	H Lithographic printer	Puerperal pneumonia
„ 14...30,	South Porter Street	M...	61 years	Warehouseman	Scirrhus of pylorus
„ 16...2,	Court, Tonge Street	F...	11 days	F House painter	Spina bifida

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 19...	156, Pollard Street	F...	9 weeks ..	F Draper	Convulsive fit
„ 22...	8, Upper Cyrus Street.....	M...	7 weeks	F Carter.....	Diarrhœa
„ 25	69, Beswick Street	M...	62 years	Ironmoulder	Pneumonia
„ 27...	54, Beswick Street	M...	1 year.....	F Bookkeeper	Dentition
May 9...	16, Branson Street ...	M...	6 months ...	F Carter.....	Convulsive fit
„ 10...	57, Mitchell Street	F ...	73 years.....	Widow	Senile decay
„ 11...	2, Teer Street	F ...	68 years.....	Widow .	Cerebral hæmorrhage
„ 14...	4, Vincent Street	F ...	1 year.....	F Mechanic	Pertussis
„ 19...	43, Bradford Road	M...	55 years.....	Iron labourer	Internal hæmorrhage
„ 21...	32, Branson Street	M...	3 months ...	F Carter.....	Bronchitis
„ 23...	19, Beswick Street	M...	52 years.....	Cab proprietor	Diabetes
„ 24...	2, Clyde Street	F ...	4 years	F Tailor	Tabes mesenterica
„ 30...	24, Teer Street	M...	45 years.....	Minder ...	Fall on the head
„ 31...	24, Gibbon Street.....	F ...	40 years.....	H Carter	Suicide
June 1...	3, Passage, Tongc Street.....	M...	3 years	F Tailor	Febris enterica
„ 1...	32, South Porter Street	F ...	66 years.....	H Mechanic.....	Atrophy of kidneys
„ 2...	29, Cyrus Street	M...	36 years.....	Cotton spinner	Phthisis
„ 6...	32, Holt Town	F ...	34 years.....	H Oilcloth worker ..	Carcinoma uteri
„ 13...	46, Beswick Street	M...	3 months ...	F Lithographic printer	Tabes
„ 15...	12, Howard Street	M...	3 years	F Bolt maker	Pertussis
„ 16...	62, Beswick Street	M...	62 years...	Glass maker	Carcinoma
„ 20...	106, Lind Street	F ...	74 years.....	Cotton weaver	Pneumonia
„ 23...	33, Branson Street	F ...	63 years.....	H Bricklayer	Senile decay
July 1...	91, Beswick Street	F ...	29 years.....	Housemaid	Phthisis
„ 6...	17, Beswick Street	M...	18 years.....	Ironmoulder	Pneumonia
„ 6...	79, Beswick Street	M...	7 years	F French polisher.....	Do.
„ 7...	Pooley's Mill, Bradford Road	M...	25 years...	Hoistman	Fall down hoist
„ 13...	19, Cyrus Street	F ...	7 years	F Tailor	Convulsions
„ 16...	11, Hooley Street	F ...	2 years	F Railway labourer ..	Cerebral effusion
„ 20...	25, Lovc Lane	M...	2 months ...	F Cotton doubler	Atrophy
„ 20...	12, Teer Street	F ...	5 months ...	F Iron labourer.....	Diarrhœa
„ 22...	21, Clyde Street	M...	5 months ...	F Cotton spinner	Meningitis
„ 22...	100, Lind Street	F ...	24 years.....	H House painter	Purpura
„ 23..	56, South Porter Street	F ...	62 years.....	H Stone labourer	Cirrhosis
„ 28...	9, Bradbury Street	F ...	3 weeks.....	F Cotton spinner	Erysipelas
Aug. 1...	6, Solon Street	F ...	39 years.....	H Slater	Carcinoma uteri
„ 4...	22, Gibbon Street	F ...	1 year	F Spindle maker	Cholera
„ 15...	45, Cyrus Street	F ...	45 years.....	H Blacksmith.....	Carcinoma uterus
„ 24...	11, Pump Street	M...	65 years.....	Picture frame maker	Acute diarrhœa
„ 27...	61, Beswick Street	M...	4 years	F Glass maker	Morbus cordis
„ 29...	16, Cobden Street.....	M...	68 years.....	Cotton overlooker...	Bronchitis
Sep. 5...	65, Bradford Road	M...	70 years.....	Cotton spinner	Heart disease
„ 5...	36, Gibbon Street.....	M...	7 months ...	F Striker	Atrophy
„ 14...	11, Matilda Street	M...	3 years	F Cotton carder	Drowning
„ 14...	92, Lind Street	F ...	67 years.....	H Cotton spinner	Chronic bronchitis

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Sep. 20...	63, Beswick Street	F	41 years.....	Widow of baker	Parturition
„ 28...	11, Bradford Road	F	81 years.....	Widow of spinner	Bronchitis
„ 28...	10, Matilda Street	M	81 years.....	Beamer	Do.
„ 30...	150, Pollard Street	F	4 months ...	F Bolt maker	Do.
„ 30...	74, Lind Street.....	F	34 years.....	Widow of cooper	Peritonitis
Oct. 10...	15, Alfred Street	M	8 months ...	F Ostler.....	Meningitis
„ 11...	65, Bradford Road	F	68 years.....	H Labourer	Heart disease
„ 15...	14, Tonge Street	M	1 year ...	F Mechanic	Meningitis
„ 20...	75, Beswick Street	M	1 week	F Fish dealer	Premature birth
„ 24...	47, Bradford Road	F	9 months ...	F Painter	Bronchitis
„ 31...	20, Tonge Street	M	9 months ...	F Mill hand	Diarrhœa
Nov. 2...	5, Cyrus Street	M	78 years.....	French polisher	Nephritis
„ 2...	94, Lind Street.....	F	53 years.....	Mill hand	Carcinoma uteri
„ 3 ..	Holt Town Works	M	49 years.....	Labourer	Crushed by hoist
„ 4...	20, Upper Cyrus Street	M	1 month.....	F Joiner ...	Bronchitis
„ 8...	2, Clyde Street	M	1 year	F Tailor	Rubeola
„ 10...	12, Lind Street.....	M	6 days	F Self-acting minder	Injuries
„ 14...	13, Branson Street	M	9 weeks	F Dyer	Tabes mesenterica
„ 22...	9, Teer Street	F	11 months...	F Paper hanger.....	Congestion of lungs
Dec. 1...	2, Clyde Street	M	3 years	F Tailor.....	Pneumonia
„ 5...	62, Lind Street.....	M	3 months ...	F Mill hand	Bronchitis
„ 10...	33, Mitchell Street	F	10 months...	F Joiner.....	Encephalitis
„ 18...	81, Beswick Street	M	10 weeks ...	F Mill hand	Marasmus
„ 22...	69, Beswick Street	M	1 year	F Grocer	Measles
„ 23...	75, Bradford Road	F	10 months...	F Calenderer	Pneumonia
„ 26...	52, Lind Street.....	F	1 day.....	F Iron moulder.....	Convulsions
„ 27...	5, Pump Street.....	F	8 months ...	F Labourer.....	Syphilis
„ 27...	20, Branson Street	F	1 year	F Cooper	Pneumonia

AGE AT DEATH

All under 1 year	36	
„ 2 years	44	
„ 3 „	45	
„ 4 „	49	
„ 5 „	51	= 51
Between 5 and 10 years	2	
„ 10 „ 20 „	1	
„ 20 „ 30 „	4	
„ 30 „ 40 „	7	
„ 40 „ 50 „	9	
„ 50 „ 60 „	7	
„ 60 „ 70 „	17	
„ 70 „ 80 „	4	
„ 80 „ 90 „	2	
Total deaths.....		<u>104</u>

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year.....	34·61	Under 4 years	47·11
„ 2 years	42·30	„ 5 „	49·03
„ 3 „	43·26		
Between 5 and 10 years	1·92	Between 50 and 60 years ...	6·73
„ 10 „ 20 „	·96	„ 60 „ 70 „ ...	16·34
„ 20 „ 30 „	3·84	„ 70 „ 80 „ ...	3·84
„ 30 „ 40 „	6·73	„ 80 „ 90 „ ...	1·92
„ 40 „ 50 „	8·65		

DEATHS PER 1,000 of the mean population (3,086) at different ages

Under 1 year.....	11·66	Under 4 years	15·86
„ 2 „	14·25	„ 5 „	16·52
„ 3 „	14·58		
Between 5 and 10 years	·64	Between 50 and 60 years ...	2·26
„ 10 „ 20 „	·32	„ 60 „ 70 „ ...	5·50
„ 20 „ 30 „	1·29	„ 70 „ 80 „ ...	1·29
„ 30 „ 40 „	2·26	„ 80 „ 90 „ ...	·64
„ 40 „ 50 „	2·91		

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Feb. 9...9,	Pump Street	F	...5 months	...F Tenter	Scarlatina

TYPHUS AND TYPHOID FEVER

Aug. 4...22,	Gibbon Street	F	...1 yearF Spindle maker	Cholera
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MEASLES

Nov. 8...2,	Clyde Street	M	...1 yearF Tailor	Rubeola
Dec. 22...69,	Beswick Street	M	...1 yearF Grocer	Measles

WHOOPIING COUGH

May 14...4,	Vincent Street	F	...1 year	.....F Mechanic	Pertussis
June 15...12,	Howard Street	M	...3 years	.....F Bolt maker	Do.

DIARRHŒA

Apl. 22...8,	Upper Cyrus Street.....	M	...7 weeks	.....F Carter.....	Diarrhœa
July 20...12,	Teer Street.....	F	...5 months	...F Labourer	Do.
Aug. 24...11,	Pump Street	M	...65 years.....	Cabinet maker	Do.
Oct. 31...20,	Tonge Street	M	...9 months	... Mill hand	Do.

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 4...63,	Branson Street	M	...66 years	Labourer	Bronchitis
„ 7...35,	Bradford Road	M	...3 months	...F Manager	Do.
„ 17...5,	Frost Street	F	...63 years.....	H Calico printer	Do.
„ 27...32,	Gibbon Street.....	F	...46 years.....	H Organ builder	Do.
Feb. 8...36,	Holt Town	F	...68 years.....	H Calenderer	Do.
„ 9...3,	Pump Street ..	F	...53 years	...H Hawker	Do.
„ 23...32,	Holt Town	M	...1 year	.....F Oilcloth maker	Do.
„ 25 ..81,	Branson Street	M	...44 years.....	Labourer	Do.
Mar. 4...50,	South Porter Street	F	...36 years.....	H Carter	Do.
„ 7...1,	Love Street	F	...66 years.....	Widow	Do.
Apl. 25...69,	Beswick Street	M	...62 years.....	Moulder	Pneumonia
May 21...32,	Branson Street	M	...3 months	...F Carter.....	Bronchitis
June 20...106,	Lind Street	F	...74 years.....	Weaver	Pneumonia
July 6...17,	Beswick Street	M	...18 years.....	Moulder	Do.
„ 6...79,	Beswick Street	M	...7 years	.....F French polisher ...	Do.

CAUSES OF DEATH—continued

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Aug. 29...	16, Cobden Street.....	M...	68 years.....	Overlooker	Bronchitis
Sep. 28...	11, Bradford Road	F ...	81 years.....	Widow	Do.
„ 28...	10, Matilda Street	M...	81 years.....	Beamer	Do.
„ 30...	150, Pollard Street	F ...	4 months ...	F Bolt maker	Do.
Oct. 24...	47, Bradford Road	F ...	9 months ...	F Painter	Do.
Nov. 4...	40, Upper Cyrus Street	M...	1 month ...	F Joiner	Do.
„ 22...	9, Teer Street	F ...	11 months...	F Paperhanger	Congestion
Dec. 1...	2, Clyde Street	M...	3 years	F Tailor	Pneumonia
„ 5...	62, Lind Street	M...	3 months ...	F Mill hand	Bronchitis
„ 23...	75, Bradford Road	F ...	10 months...	F Calenderer	Pneumonia
„ 27...	20, Branson Street	F ...	1 year	F Cooper	Do.

CHRONIC BRONCHITIS

Sep. 14...	92, Lind Street	F ...	67 years.....	H Spinner	Chronic bronchitis
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PHTHISIS PULMONALIS

Mar. 28...	34, South Porter Street	M...	35 years.....	Mechanic	Phthisis
June 2...	29, Cyrus Street	M...	36 years.....	Spinner	Do.
July 1...	91, Beswick Street	F .	29 years.....	Housemaid.....	Do.

DISEASES OF NERVOUS SYSTEM

CONVULSIONS

Dec. 29...	3, Court, Tonge Street.....	M...	1 week	F Cotton worker	Convulsions
Feb. 1...	24 Cobden Street	M...	9 months ...	F Engine driver	Do.
Mar. 28...	31, Upper Cyrus Street	M...	6 months ...	F Wire worker	Do.
July 13...	19, Cyrus Street	F ...	7 years ...	F Tailor ..	Do.
Dec. 26...	52, Lind Street	F ...	1 day.....	F Moulder.....	Do.

HYDROCEPHALUS

July 22...	21, Clyde Street.....	M...	5 months ...	F Spinner	Meningitis
Oct. 10...	15, Alfred Street	M...	8 months ...	F Ostler	Do.
„ 15...	14, Tonge Street ..	M...	1 year.....	F Mechanic	Do.

APOPLEXY

Mar. 14...	10, Solon Street	F ...	59 years.....	Cotton warper	Apoplexy
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DISEASES OF DEBILITY

ASTHENIA, ATROPHY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

Feb. 1...	1, Lind Street	M...	7 weeks	F Joiner	Marasmus
May 10...	57, Mitchell Street	F ...	73 years... ..	Widow	Senile decay
„ 24...	2, Clyde Street	F ...	4 years	F Tailor	Mesenterica
June 13...	46, Beswick Street	M...	3 months ...	F Lithographic printer.	Tabes
„ 23...	33, Branson Street	F ...	63 years ...	H Bricklayer	Senile decay
July 20...	25, Love Lane	M...	2 months ...	F Doubler	Atrophy
„ 22...	100, Lind Street	F ...	24 years....	H Painter	Purpura
Sep. 5...	36, Gibbon Street	M...	7 months ...	F Striker	Atrophy
Nov. 14...	13, Branson Street	M...	9 weeks	F Dyer	Tabes
Dec. 18...	81, Beswick Street	M...	10 weeks ...	F Mill hand	Marasmus

CAUSES OF DEATH—continued

PREMATURE BIRTH

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 20...	75, Beswick Street	M...	1 week	F Fishmonger	Prematurity

DISEASES OF HEART

Mar. 12...	17, Beswick Street	M...	52 years	Shoemaker	Fatty degeneration
Apl. 4...	9, Bradford Road	M...	5 ⁰ years	Oil-sheet maker	Disease of heart
Aug. 27...	61, Beswick Street	M...	4 years	F Glass worker	Morbus cordis
Sep. 5...	65, Bradford Road	M...	70 years	Spinner	Heart disease
Oct. 11...	65, Bradford Road	F...	68 years	H Labourer	Do.

DISEASES OF BRAIN

May 11...	2, Teer Street	F...	68 years	Widow	Cerebral hæmorrhage
July 16...	11, Hooley Street	F...	2 years	F Railway labourer	Cerebral effusion
„ 28...	9, Bradbury Street	F...	3 weeks	F Spinner	Erysipelas
Dec. 10...	33, Mitchell Street	F...	10 months	F Joiner	Encephalitis

DISEASES OF SPINE

Jan. 12...	1, Court, Spencer Street	M...	1 month	F Labourer	Spina bifida
Apl. 16...	2, Court, Tonge Street	F...	11 days	F Painter	Do.

DISEASES OF KIDNEYS

Feb. 24...	6, Lind Street	M...	61 years	Labourer	Bright's disease
June 1...	32, South Porter Street	F...	66 years	H Mechanic	Atrophy of kidneys
July 23...	56, South Porter Street	F...	62 years	H Labourer	Cirrhosis
Nov. 2...	5, Cyrus Street	M...	78 years	.. French polisher	Nephritis

DISEASES OF BOWELS

Jan. 17...	34, Branson Street	F...	65 years	H Packer	Peritonitis
June 1...	3, Passage, Tonge Street	M...	3 years	F Tailor	Enteritis
Sep. 30...	74, Lind Street	F...	34 years	Widow	Peritonitis

DISEASE OF STOMACH

Apl. 14...	30, South Porter Street	M...	61 years	Warehouseman	Scirrhus
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CANCEROUS DISEASES

June 6...	32, Holt Town	F...	34 years	H Oilcloth maker	Carcinoma uteri
„ 16...	62, Beswick Street	M...	62 years	Glass worker	Do.
Aug. 1...	6, Solon Street	F...	39 years	H Slater	Do.
„ 15...	45, Cyrus Street	F...	45 years	H Blacksmith	Do.
Nov. 2...	94, Lind Street	F...	53 years	Mill hand	Do.

DIABETES

Feb. 15...	26, Bradford Road	F...	32 years	Dressmaker	Diabetes
May 23	19, Beswick Street	M...	52 years	Cab proprietor	Do.

CAUSES OF DEATH—continued

DENTITION

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 27...	54, Beswick Street	M...	1 year	F Bookkeeper	Dentition

SYPHILIS

Dec. 27...5, Pump Street.....F... 8 months ...F Labourer.....Syphilis

PUERPERAL DISEASES

Jan. 17...7, Spencer StreetF ...44 years.....H_c Spindle makerScirrhus mamma
 Apl. 12...46, Beswick StreetF ...40 years.....H Lithographic printer.Puerperal fever
 Sep. 20...63, Beswick StreetF ...41 years..... WidowParturition

CORONER'S INQUESTS

Dec. 30...1, Spencer StreetM...6 weeksF Wire workerConvulsions
 Feb. 1...9, Cyrus StreetM...27 years..... Wire workerNatural causes
 „ 10...3, Cyrus StreetM...3 months ...F Smith Convulsions
 Mar. 1...18, Teer StreetM...1 month F Minder Do.
 Apl. 19...156, Pollard Street F ...9 weeks ... F Draper Do.
 May 9..16, Branson StreetM...6 months ...F Carter..... Do.
 „ 19...43, Bradford RoadM...55 years LabourerHæmorrhage
 „ 30...24, Teer StreetM...45 years..... MinderInjuries
 „ 31..24, Gibbon Street.....F ...40 years ...H CarterSuicide
 July 7..Pooley's Mill.....M...25 years..... HoistmanFall down hoist
 Sep. 14...11, Matilda Street.....M...3 years Carder..... Drowning
 Nov. 3...Holt Town Works.....M...49 years..... LabourerCrushed by hoist
 „ 10 ..12, Lind StreetM...6 days..... MinderInjuries

PROPORTION PER CENT. *of total number of deaths from all causes*

Zymotic diseases	5·76	Premature birth	·96
Scarlet fever	·96	Diseases of heart	4·80
Typhus and typhoid fever...	·96	Diseases of brain	3·84
Measles	1·92	Diseases of spine	1·92
Whooping cough	1·92	Diseases of kidneys	3·84
Diarrhoea	3·84	Diseases of bowels	2·88
Diseases of lungs	28·84	Diseases of stomach	·96
Pneumonia and acute bron-		Cancerous diseases	4·80
chitis	25·00	Diabetes	1·92
Chronic bronchitis	·96	Dentition	·96
Phthisis pulmonalis	2·88	Syphilis	·96
Diseases of nervous system ...	8·65	Puerperal diseases.....	2·88
Convulsions	4·80	Coroner's inquests.....	12·50
Hydrocephalus	2·88		
Apoplexy	·96		
Diseases of debility, asthenia,			
atrophy, tabes mesenterica,			
marasmus, inanition, wast-			
ing, &c.....	9·61		

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	3·24	Premature birth	·32
Scarlet fever	·32	Diseases of heart	1·62
Typhus and typhoid fever...	·32	Diseases of brain	1·29
Measles	·64	Diseases of spine	·64
Whooping cough	·64	Diseases of kidneys	1·29
Diarrhoea	1·29	Diseases of bowels	·97
Diseases of lungs	9·72	Diseases of stomach	·32
Pneumonia and acute bron-		Cancerous diseases	1·62
chitis	8·42	Diabetes	·64
Chronic bronchitis	·32	Dentition	·32
Phthisis pulmonalis	·97	Syphilis	·32
Diseases of nervous system ...	2·91	Puerperal diseases.....	·97
Convulsions	1·62	Coroner's inquests.....	4·21
Hydrocephalus	·97		
Apoplexy	·32		
Diseases of debility, asthenia,			
atrophy, tabes mesenterica,			
marasmus, inanition, wast-			
ing, &c.....	3·24		



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 11

BOUNDARIES

Gibbon Street
Shooter's Brook

River Medlock
Ashton Canal

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 11 SANITARY DISTRICT

Number 50

Number 54

Number 55

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census of 1871.

No. 11 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING FROM GLEDEN STREET TO SHOOTER'S BROOK:—

Gleden Street	Cobden Street
Bradford Road	Ridgway Street
Gibbon Street	Townson Street
Whitby Street	Burnley Street
Cambridge Street	Mayor Street
Hiram Street	Back Burnley Street
Atkin Street	Templar Street
Stracey Street	Sandal Street
Saxon Street	Mill Lane

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft. in.		ft. in.
Gleden Street	42 5	Mayor Street	30 2
Whitby Street	42 4	Cambridge Street.....	29 10
Stracey Street	42 1	Templar Street.....	29 3
Hiram Street	42 0	Back Burnley Street.....	24 3
Ridgway Street	41 10	Cobden Street	24 3
Bradford Road.....	39 8	Townson Street.....	24 3
Burnley Street	36 2	Mill Lane.....	} open spaces
Gibbon Street	36 2	Saxon Street.....	
Atkin Street.....	36 0	Sandal Street	
Cobden Street	35 10		

THE STREETS ARRANGED ALPHABETICALLY

Atkin Street	Mayor Street
Back Burnley Street	Mill Lane
Bradford Road	Ridgway Street
Burnley Street	Sandal Street
Cambridge Street	Saxon Street
Cobden Street	Stracey Street
Gibbon Street	Templar Street
Gleden Street	Townson Street
Hiram Street	Whitby Street

SEWERS

The subsoil underlying the district is clay, resting on coal seams and other rocks.

The slope of the district is in a northerly direction towards the Shooter's Brook. The highest point of the district is at the corner of Saxon Street and Bradford Road, and the lowest is at the end of those streets which slope towards the Shooter's Brook.

The principal sewer of the district is the Shooter's Brook, which is now covered over. The secondary sewers are the Bradford Road, Gibbon Street, and Whitby Street sewers. The Gibbon Street sewer commences at the corner of Gleden Street, receives the flow of part of the Cobden Street and Burnley Street sewers, and then empties into the Shooter's Brook. The Whitby Street sewer takes its rise at the corner of Gleden Street, and, receiving the flow of the Gleden Street sewer, drains part of the Bradford Road sewer, with its tributary from Cambridge Street; also Hiram Street, Cobden Street, Ridgway Street, and Atkin Street, eventually flowing into the Shooter's Brook. The Bradford Road sewer drains some houses in Bradford Road, and, joining the Clayton Street sewer, flows into the Shooter's Brook.

HOUSES

About one-fourth of the houses in this district have been built since 1830, and more than three-fourths since 1850; the remainder since 1870.

There is some very old property in Gleden Street known as Gleden Hall. Some of the streets are not yet paved, and are consequently in an unsatisfactory condition.

The widths of the streets range from 42ft. 5in. to 14ft. 8in., the average width being about 29ft. 10in.; the Bye-laws of the Council of the city of Manchester (1868), which require a width of 30ft. for every street after the date thereof, being not then in force.

The passages vary in width ; those passing through the more recently erected property are wide, but the passages of the property which was built prior to 1868 are narrow, and in many cases the space between the backs of the houses is small and insufficient.

Many of the streets are paved and sewered, and in good condition.

The houses are without cellars except in the principal roads and streets, and have no ventilating spaces under the floors ; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are $4\frac{1}{2}$ in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 739 houses, of which 64 were unoccupied, leaving 675 as inhabited houses.

PLACE OF WORSHIP

Primitive Methodist ChapelBradford Road

SCHOOLS

Primitive Methodist Sunday School.....

St. Philip's Day and Sunday School.....Ridgway Street

WORKS

Manchester Corporation Gas Works.....Gleden Street

Messrs. Booth, Machinists.....Cambridge Street

POPULATION

The average number of persons per house for the entire city of

Manchester, according to the census of 1881, was 5·01

For the township of Manchester 4·93

For the registration sub-district of Ancoats..... 4·76

As No. 11 Sanitary District contained, according to the Overseers' books for the current year, 675 inhabited houses, this

multiplied by 5·01 will give as the number of inhabitants... 3,381

Multiplied by 4·93 the number will be 3,327

Multiplied by 4·76 the number will be 3,213

The mean of these three estimates is 3,307

which will tolerably represent the population of the district.

There are no works of any importance in this district, it being chiefly occupied by mechanics and artisans, also clerks who work in the city. The new gas works now being erected in Gleden Street, Bradford Road, for the Corporation, will probably, when finished, afford employment to a number in this district.

MORTALITY

From 15th January, 1881, to 29th December, 1881, the total number of deaths in the district from all causes, in the homes of the people, was 66.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 66 deaths would give a rate per 1,000 of	19·52
According to the township rate of occupation	19·83
According to the registration sub-district rate	20·54
The mean of these three estimates of population	19·95

DETAILS OF DEATH, 1881

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Jan. 15...	131, Bradford Road	F	56 years.....	Cotton weaver	Chronic bronchitis
„ 18 ..	119, Ridgway Street.....	F	2 years	F Cotton spinner	Meningitis
„ 18...	99, Gleden Street	M	6 months ...	F Boiler maker	Bronchitis
„ 19...	20, Hiram Street	F	59 years.....	Silk weaver	Do.
„ 20...	45, Gleden Street.....	F	60 years.....	Widow	Do.
„ 31...	29, Gleden Street	F	53 years.....	H Pattern maker	Pneumonia
Feb. 2...	131, Bradford Road	M	58 years.....	Machinist	Hemiplegia
„ 4...	112, Cobden Street	F	50 years.....	H Painter	Natural disease
„ 7...	182, Ridgway Street.....	M	32 years.....	Manager	Heart disease
„ 9...	163, Cobden Street	F	3 days	F Bookkeeper	Prematurity
„ 10...	119, Cobden Street	F	5 months ...	F House painter	Marasmus
„ 19...	4, Gleden Street	F	4 years	F Iron moulder.....	Disease of brain
„ 21...	18, Whitby Street	M	39 years.....	Iron polisher	Phthisis
„ 21...	147, Ridgway Street	M	1 year	F Porter	Convulsive fit
Mar. 2...	98, Ridgway Street	F	1 month ...	F Cotton dyer	Syphilis
„ 3...	95, Cobden Street	M	55 years.....	Organist.....	Bronchitis
„ 9...	243, Bradford Road	F	58 years.....	H Grocer	Pneumonia
„ 10...	128, Cobden Street	M	52 years.....	Twiner	Hanged himself
„ 15...	140, Ridgway Street.....	M	56 years.....	Moulder.....	Natural causes
„ 18...	21, Gleden Street	M	1 day	F Iron moulder.....	Prematurity
„ 18...	27, Burnley Street	F	1 year	F Chemic worker	Bronchitis
„ 29...	103, Ridgway Street	F	9 months ...	F Porter.....	Do.
„ 31...	18, Whitby Street	M	1 month.....	F Labourer	Debility
April 6...	4, Sandal Street	F	75 years.....	H Roller turner.....	Bronchitis
„ 12...	180, Ridgway Street.....	F	29 years.....	H Iron worker	Phthisis
„ 19...	10, Templar Street	M	4 months ...	M Laundress	Natural causes
„ 19...	176, Ridgway Street	M	56 years.....	Stationer	Phthisis
May 6...	19, Oliver Street	M	4 days	F Velvet finisher	Asthenia
„ 17...	174, Cobden Street	F	6 years	F Blacksmith	Pneumonia
„ 26...	5, Oliver Street.....	M	7 years	F Picker maker.....	Phthisis
„ 31...	209, Bradford Road	M	15 years.....	F Scripture reader ...	Do.

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
June 11...	4, Cambridge Street.....	M...	8 months	...F Cotton packer	Bronchitis
„ 27...	8, Stracey Street	F ...	1 year	...F Brass finisher.....	Diarrhœa
July 5...	221, Cobden Street	F ...	8 months	...F Block printer.....	Anæmia
„ 11...	122, Ridgway Street.....	M...	60 years.....	Iron turner.....	English cholera
„ 19...	219, Bradford Road	F ...	9 months	...F Mechanic	Diarrhœa
„ 23...	100, Bradford Road.....	F ...	53 years.....	H Warehouseman.....	Cerebral embolism
„ 26...	133, Cobden Street	M...	4 months	...F Collier	Pneumonia
„ 28...	218, Cobden Street	F ...	71 years.....	H Stonemason	Old age
Aug. 15...	8, Whitby Street	F ...	37 years.....	H Pawnbroker	Disease of liver
„ 22...	173, Cobden Street	M...	42 years.....	Mechanic	Pneumonia
„ 25...	36, Cobden Street	M...	61 years.....	Silk dyer	Disease of heart
Sep. 1...	89, Sandal Street.....	F ...	2 months	...F Mechanic	Bronchitis
„ 5...	54, Sandal Street	M...	2 months	...F Carter	Debility
„ 12 ..	299, Bradford Road	M...	59 years...	Mechanic	Acute periostitis
„ 12...	123, Bradford Road	F ...	6 weeks.....	F Boiler maker.....	Atrophy from birth
„ 16...	130, Bradford Road	M ..	58 years.....	Cabinet maker	Apoplexy
„ 16...	230, Cobden Street	M...	7 months	...F Carter.....	Bronchitis
„ 21...	63, Burnley Street ..	M...	34 years.....	Maker-up	Phthisis
„ 24 ..	18, Whitby Street.....	F ...	70 years.....	Widow	Natural causes
„ 28...	177, Bradford Road	M...	59 years.....	Labourer	Apoplexy
Oct. 17...	205, Ridgway Street.....	M...	72 years	... Club collector ..	Old age
„ 18...	58, Cobden Street.....	M...	4 months	...F Iron turner	Atrophy
Nov. 1...	44, Gleden Street	F ...	41 years.....	Spinner	Peritonitis
„ 5...	79, Gleden Street	M...	52 years.....	Mill hand	Cancer
„ 9 127,	Gleden Street	M...	64 years.....	Mill hand	Pneumonia
„ 18...	209, Bradford Road	M...	17 years.....	Railway clerk	Phthisis
„ 27...	175, Cobden Street	F ...	1 year	...F Porter... ..	Pertussis
Dec. 5...	14, Hiram Street	M ..	41 years.....	Bricklayer ..	Apoplexy
„ 6...	5, Atkin Street	M...	3 months	...F Fitter	Pertussis
„ 7 ..95,	Cobden Street	M...	6 weeks.....	F Finisher	Bronchitis
„ 11...	6, Sandal Street	F ...	1 year	...F Labourer	Broncho-pneumonia
„ 12...	215, Bradford Road	M...	44 years.....	Boiler maker.....	Nephritis
„ 23...	35, Cobden Street.....	M...	2 years	...F Labourer ...	Pneumonia
„ 28...	1, Cambridge Street ..	F ...	18 years.....	Mill hand	Phthisis
„ 29...	222, Cobden Street	F ...	7 years	...F Tinsplate worker	Diphtheria

AGE AT DEATH

All under 1 year	20
„ 2 years	25
„ 3 „	27
„ 4 „	27
„ 5 „	28 = 28
Between 5 and 10 years	3
„ 10 „ 20 „	3
„ 20 „ 30 „	1
„ 30 „ 40 „	4
„ 40 „ 50 „	4
„ 50 „ 60 „	15
„ 60 „ 70 „	4
„ 70 „ 80 „	4
Total deaths.....	<u>66</u>

DEATHS PER 100 *of the total number of deaths at different ages*

Under 1 year.....	30·30	Under 4 years	40·90
„ 2 years	37·87	„ 5 „	42·42
„ 3 „	40·90		
Between 5 and 10 years	4·54	Between 40 and 50 years ...	6·06
„ 10 „ 20 „	4·54	„ 50 „ 60 „ ...	24·24
„ 20 „ 30 „	1·51	„ 60 „ 70 „ ...	6·06
„ 30 „ 40 „	6·06	„ 70 „ 80 „ ...	6·06

DEATHS PER 1,000 *of the mean population (3,307) at different ages*

Under 1 year.....	6·04	Under 4 years	8·16
„ 2 years	7·55	„ 5 „	8·46
„ 3 „	8·16		
Between 5 and 10 years	·90	Between 40 and 50 years ...	1·20
„ 10 „ 20 „	·90	„ 50 „ 60 „ ...	4·53
„ 20 „ 30 „	·30	„ 60 „ 70 „ ...	1·20
„ 30 „ 40 „	1·20	„ 70 „ 80 „ ...	1·20

CAUSES OF DEATH

ZYMOTIC DISEASES

TYPHUS AND TYPHOID FEVER.

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
July 11...	122, Ridgway Street.....	M...	60 years.....	Iron turner	English cholera

WHOOPING COUGH

Nov. 27...	175, Cobden Street	F ...	1 year	F Porter.....	Pertussis
Dec. 6...	5, Atkin Street	M...	3 months ...	F Fitter	Do.

DIPHTHERIA

Dec. 29...	222, Cobden Street	F ...	7 years	F Tin worker	Diphtheria
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DIARRHŒA

June 27...	8, Straccy Street	F ...	1 year	F Brassfounder	Diarrhœa
July 19...	219, Bradford Road	F ...	9 months ...	F Mechanic	Do.

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 18...	99, Gleden Street	M...	6 months ...	F Boiler maker	Bronchitis
„ 19...	20, Hiram Street	F ...	59 years.....	Silk weaver	Do.
„ 20...	45, Gleden Street	F ...	60 years.....	Widow	Do.
„ 31...	29, Gleden Street	F ...	53 years.....	H Pattern maker	Pneumonia
Mar. 3...	95, Cobden Street.....	M...	55 years.....	Organist	Bronchitis
„ 9...	243, Bradford Road	F ...	58 years.....	H Grocer	Pneumonia
„ 18...	27, Burnley Street	F ...	1 year.....	F Chemic worker	Bronchitis
„ 29...	103, Ridgway Street.....	F ...	9 months ...	F Porter.....	Do.
April 6...	4, Sandal Street	F ...	75 years.....	H Turner.....	Do.
May 17...	174, Cobden Street	F ...	6 years ..	F Blacksmith	Pneumonia
June 11...	4, Cambridge Street.....	M...	8 months ...	F Packer	Bronchitis
July 26...	133, Cobden Street	M...	4 months ...	F Collier.....	Pneumonia
Aug. 22...	173, Cobden Street	M...	42 years.....	Mechanic	Do.
Sep. 1...	89, Sandal Street	F ...	2 months ...	F Mechanic	Bronchitis
„ 16...	230, Cobden Street	M...	7 months ...	F Carter.. ..	Do.
Nov. 9...	127, Gleden Street	M...	64 years	Mill hand	Pneumonia
Dec. 7...	95, Cobden Street.....	M...	6 weeks	F Finisher.....	Bronchitis
„ 11...	6, Sandal Street	F ...	1 year.....	F Labourer	Broncho-pneumonia
„ 23..	35, Cobden Street.....	M...	2 years	F Labourer	Pneumonia

CAUSES OF DEATH—continued

CHRONIC BRONCHITIS

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Jan. 15...	131, Bradford Road	F	56 years.....	Weaver	Chronic bronchitis

PHTHISIS PULMONALIS

Feb. 21...	18, Whitby Street.....	M	39 years.....	Polisher	Phthisis
Apl. 12...	180, Ridgway Street.....	F	29 years.....	H Iron worker	Do.
,, 19...	176, Ridgway Street	M	56 years.....	Stationer	Do.
May 26...	5, Oliver Street	M	7 years	F Picker maker.....	Do.
,, 31...	209, Bradford Road	M	15 years.....	F Scripture reader ...	Do.
Sep. 21...	63, Burnley Street	M	34 years.....	Packer	Do.
Nov. 18 ..	209, Bradford Road	M	17 years.....	Railway clerk	Do.
Dec. 28...	1, Cambridge Street.....	F	18 years.....	Mill hand	Do.

HYDROCEPHALUS

Jan. 18...	119, Ridgway Street.....	F	2 years	F Spinner	Meningitis
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APOPLEXY

Sep. 16...	130, Bradford Road	M	58 years.....	Cabinet maker	Apoplexy
,, 28...	177, Bradford Road.....	M	59 years.....	Labourer	Do.
Dec. 5...	14, Hiram Street	M	41 years.....	Bricklayer	Do.

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION, WASTING, &c.

Feb. 10...	119, Cobden Street	F	5 months ...	F Painter	Marasmus
Mar. 31...	18, Whitby Street.....	M	1 month.....	F Labourer	Debility
May 6...	19, Oliver Street	M	4 days	F Velvet finisher	Asthenia
July 5...	221, Cobden Street	F	8 months ...	F Block printer	Anæmia
,, 28...	218, Cobden Street	F	71 years.....	H Mason	Old age
Sep. 5...	54, Sandal Street	M	2 months ...	F Carter.....	Debility
,, 12...	123, Bradford Road.....	F	6 weeks	F Boiler maker.....	Atrophy
Oct. 17...	205, Ridgway Street	M	72 years.....	Collector	Old age
,, 18...	58, Cobden Street	M	4 months ...	F Turner	Atrophy

PREMATURE BIRTH

Feb. 9...	163, Cobden Street	F	3 days	F Bookkeeper	Prematurity
Mar. 18...	21, Gleden Street	M	1 day.....	F Moulder.....	Do.

DISEASE OF HEART

Feb. 7...	182, Ridgway Street ...	M	32 years.....	Manager.....	Heart disease
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CAUSES OF DEATH—continued

DISEASES OF BRAIN

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Feb. 19...	4, Gleden Street	F	4 years	F Moulder.....	Brain disease
July 23...	100, Bradford Road.....	F	53 years.....	H Warehouseman.....	Cerebral embolism

DISEASES OF LIVER

Aug. 15...	8, Whitby Street	F	37 years.....	H Pawnbroker	Disease of liver
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DISEASES OF KIDNEYS

Dec. 12...	215, Bradford Road.....	M	44 years.....	Boiler maker.....	Nephritis
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DISEASES OF BOWELS

Nov. 1...	44, Gleden Street.....	F	41 years.....	Spinner	Peritonitis
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PARALYSIS

Feb. 2...	131, Bradford Road.....	M	58 years.....	Machinist	Hemiplegia
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CANCEROUS DISEASES

Nov. 5...	79, Gleden Street.....	M	52 years.....	Mill hand	Cancer
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SYPHILIS

Mar. 2...	98, Ridgway Street	F	1 month ...	F Cotton dyer	Syphilis
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CORONER'S INQUESTS

Feb. 4...	112, Cobden Street	F	50 years.....	H Painter	Natural disease
„ 21...	147, Ridgway Street	M	1 year	F Porter	Convulsions
Mar. 10...	128, Cobden Street	M	52 years.....	Twiner.....	Hanging
„ 15...	140, Ridgway Street	M	56 years.....	Moulder	Natural causes
Apl. 19...	10, Templar Street	M	4 months ...	M Laundress	Do.
Aug. 25...	36, Cobden Street.....	M	61 years.....	Dyer.....	Heart disease
Sep. 24...	18, Whitby Street	F	70 years.....	Widow.....	Natural causes

PROPORTION PER CENT. *of total number of deaths from all causes*

Zymotic diseases	6·06	Diseases of debility, asthenia,	
Typhus and typhoid fever...	1·51	atrophy, tabes mesenterica,	
Whooping cough	3·03	marasmus, inanition, wast-	
Diphtheria	1·51	ing, &c.	13·63
Diarrhœa	3·03	Premature birth	3·03
Diseases of lungs	42·42	Diseases of heart	1·51
Pneumonia and acute bron-		Diseases of brain	3·03
chitis	28·78	Diseases of liver	1·51
Chronic bronchitis	1·51	Diseases of kidneys	1·51
Phthisis pulmonalis	12·12	Diseases of bowels	1·51
Diseases of nervous system ...	6·06	Paralysis	1·51
Hydrocephalus	1·51	Cancerous diseases	1·51
Apoplexy	4·54	Syphilis.....	1·51
		Coroner's inquests.....	10·60

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	1·20	Diseases of debility, asthenia,	
Typhus and typhoid fever	·30	atrophy, tabes mesenterica,	
Whooping cough	·60	marasmus, inanition, wast-	
Diphtheria.....	·30	ing, &c.....	2·72
Diarrhœa	·60	Premature birth	·60
Diseases of lungs	8·46	Diseases of heart	·30
Pneumonia and acute bron-		Diseases of brain	·60
chitis	5·74	Diseases of liver	·30
Chronic bronchitis	·30	Diseases of kidneys	·30
Phthisis pulmonalis	2·41	Diseases of bowels	·30
Diseases of nervous system ...	1·20	Paralysis	·30
Hydrocephalus	·30	Cancerous diseases	·30
Apoplexy	·90	Syphilis.....	·30
		Coroner's inquests.....	2·11

REGISTRATION SUB-DISTRICT
ANCOATS.
SANITARY DISTRICT NO. 12.

SCALE 8 INCHES = $\frac{1}{4}$ OF A MILE.

HOUSES BUILT BEFORE 1830
 " " " 1850
 " " " 1870
 " " SINCE 1870
 MILLS, CHURCHES, WAREHOUSES, &c.
 PUBLIC HOUSES X



MANCHESTER REGISTRATION SUB-DISTRICT—ANCOATS

SANITARY DISTRICT No. 12

BOUNDARIES

New Union Street	Cobden Street
New Islington	Gibbon Street
Bradford Street	City Boundary to Rochdale Canal
Butler Street	Rochdale Canal to New Union
South Porter Street	Street

SANITARY SUB-DISTRICTS INCLUDED WITHIN No. 12 SANITARY DISTRICT

Number 41	Number 51
„ 42	„ 52
„ 43	„ 53
„ 44	„ 54
„ 45	

These sanitary sub-districts are co-equal with the enumeration or enumerators' district into which the registration sub-district was divided for the purpose of the census in 1871.

No. 12 SANITARY DISTRICT CONTAINS THE FOLLOWING STREETS, PROCEEDING
FROM UNION STREET TO GIBBON STREET:—

Union Street	Lawton Street
New Islington	Consitt's Buildings
Clark Street	Lawton Passage
Darlington Square	Morris Street
Darlington Street	Greenhough Street
Pott Street	Greenhough's Place
Dixon Street	Robinson Street East
Woodward Street	Blank Street
Moore's Place	Butler Street
Woodward's Place	Carruthers Street
Chesshyre's Court	Canning Street
Woodward Street	Back Woodward Street
Bradford Street	Canning Place
Lion Street	Brief Street
Strand Street	Back Lloyd Street
Wolden's Strand	Wesley Street

Back Hadfield Street
 Hadfield Street
 Antrobus Street
 Pyle's Place
 Smith Street
 Butterworth's Buildings
 Daniel Street
 Back Wesley Street
 Wesley Place
 Wilde's Court, Canning Street
 No. 2 Passage, Canning Street
 Court behind 105 Bradford Street
 Chapel View, Daniel Street
 No. 4 Passage, Daniel Street
 Holland Street
 Marland Street
 Cookson Street
 Cryer's Buildings
 Rolleston Street
 Marcer Street
 Boardman Street
 Davies Street
 Back Rolleston Street
 Oswald's Buildings
 Clayton Street
 Oliver Street
 Kirkham Street

Back Kirkham Street
 Ridgway Place
 Ridgway Street
 Singleton Street
 Swallow's Place
 Henry Street
 Croom Street
 Tailor Street
 Porter Street
 Wilkinson's Court
 South Porter Street
 Worthington's Court
 Flitcroft Street
 Bell Street
 Robert Street
 No. 2 Passage, South Porter Street
 Peel Street
 Churchill's Buildings
 Goodier Street
 Wolsey Street
 Back Clayton Street
 Kay's Buildings
 Burnley Street
 Cobden Street
 Mangnall Street
 Gibbon Street

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.		ft.	in.
Flitcroft Street	42	3	Butler Street	40	0
Mangnall Street	42	2	Blank Street.....	36	4
Clayton Street	42	1	Burnley Street.....	36	3
New Islington	42	0	Canning Street.....	36	3
Ridgway Street	42	0	Gibson Street	36	2
Wesley Street	42	0	Cookson Street.....	35	11
Rolleston Street	41	10	Peel Street	35	11
Wolsey Street	41	10	Davies Street	35	10
Darlington Square	41	8	Kirkham Street	35	10
Carruthers Street.....	41	3	Woodward Street.....	35	10
Hadfield Street	41	3	Marcer Street	35	8
Daniel Street	40	9	Bradford Street	35	0

	ft.	in.		ft.	in.
South Porter Street.....	35	0	Darlington Street.....	18	0
Boardman Street	34	6	Lion Street	18	0
Smith Street	32	11	Strand Street	18	0
Dixon Street	31	6	Woodward's Place	18	0
Holland Street.....	31	3	Wolden's Strand	18	0
Marland Street	30	4	Singleton Street	17	10
Robert Street	30	3	Greenhough's Place	17	3
Tailor Street.....	30	3	Back Clayton Street.....	16	11
Strand Street	30	2	Clark Street	16	10
Kirkham Street	30	1	Back Wesley Street.....	16	9
Lawton Street	29	9	Consitt's Buildings	16	9
Porter Street	29	9	No. 2 Passage, South Porter		
Morris Street	29	8	Street	15	5
Back Hadfield Street	28	2	Back Woodward Street ...	14	5
Pott Street	28	0	No. 2 Passage, Canning		
Bell Street	27	3	Street	14	1
Pott Street	25	2	Swallow's Place	14	0
New Islington	24	9	Wilkinson's Court	14	0
Cobden Street	24	6	Ridgway Place	13	8
Butterworth's Buildings ...	24	4	Oliver Street	13	8
Back Woodward Street ...	24	3	Canning Place	13	0
Greenhough Street	24	3	Moore's Court	12	4
Robinson Street East	24	3	Churchill's Buildings	12	3
Pyle's Place	24	2	Chapel View.....	12	0
Wesley Place	24	2	Wolden's Strand	12	0
Antrobus Street	24	1	Back Kirkham Street	9	1
Chapel View.....	24	1	Chesshyre's Court.....	9	1
Smith Street	23	11	Court behind 105 Bradford		
Croom Street	23	10	Street	6	9
Back Lloyd Street	23	9	Lawton Passage	5	9
Henry Street	23	9	Wilde's Court	4	8
Brief Street	23	5	No. 4 Passage, Daniel Street	4	0
Union Street.....	23	3	Back Rolleston Street.....		
Canning Place	22	8	Goodier Street	} open spaces	
Worthington's Court	19	8	Kay's Buildings.....		
Daniel Street	19	3	Oswald's Buildings.....		
Cryer's Buildings	18	11			

THE STREETS ARRANGED ALPHABETICALLY

Antrobus Street	Holland Street
Back Clayton Street	Kay's Buildings
Back Hadfield Street	Kirkham Street
Back Kirkham Street	Lawton Passage
Back Lloyd Street	Lawton Street
Back Rolleston Street	Lion Street
Back Wesley Street	Mangnall Street
Back Woodward Street	Marcer Street
Bell Street	Marland Street
Blank Street	Moore's Court
Boardman Street	Morris Street
Bradford Street	New Islington
Brief Street	No. 2 Passage, Canning Street
Burnley Street	No. 4 Passage, Daniel Street
Butler Street	No. 2 Passage, South Porter Street
Butterworth's Buildings	Oliver Street
Canning Place	Oswald's Buildings
Canning Street	Peel Street
Carruthers Street	Porter Street
Chapel View	Pott Street
Chesshyre's Court	Pyle's Place
Churchill Buildings	Ridgway Place
Clark Street	Ridgway Street
Clayton Street	Robert Street
Cobden Street	Robinson Street East
Consitt's Buildings	Rolleston Street
Cookson Street	Singleton Street
Court behind 105 Bradford Street	Smith Street
Croom Street	South Porter Street
Cryer's Buildings	Strand Street
Daniel Street	Swallow's Place
Darlington Square	Tailor Street
Darlington Street	Union Street
Davies Street	Wesley Place
Dixon Street	Wesley Street
Flitcroft Street	Wilde's Court
Gibbon Street	Wilkinson's Court
Goodier Street	Wolden's Strand
Greenhough's Place	Wolsey Street
Greenhough Street	Woodward Street
Hadfield Street	Woodward's Place
Henry Street	Worthington's Court

ALTITUDES ABOVE THE SEA LEVEL

			ft.	in.
Bolt mark corner of	Butler Street and Canning Street.....		176	1
„	„ Ridgway Street and Clayton Street		175	3
„	„ Ridgway Street and Davies Street		173	8
„	„ Butler Street and Ridgway Street		173	3
„	„ Ridgway Street and Marcer Street		173	2
„	„ Bradford Street and Daniel Street		172	9
„	„ Clayton Street and Rolleston Street		169	7
„	„ Bradford Street and Carruthers Street		169	7
„	„ Davies Street and Rolleston Street		168	2
„	„ Butler Street and Hadfield Street		168	0
„	„ Woodward Street and Butler Street		165	0
„	„ Antrobus Street and Woodward Street		163	0
„	„ Prussia Street and Bridge Street.....		162	5
„	„ New Islington and Union Street.....		160	8
„	„ Pott Street and Darlington Street		160	8
„	„ Woodward Street and Wesley Street		160	5
„	„ Woodward Street and Lawton Street		158	9
„	„ Dixon Street and Woodward Street.....		157	6
„	„ New Islington and Woodward Street		155	8

SEWERS

The subsoil underlying the district is clay, resting on the Openshaw and Charlotte coal seams and other rocks.

The slope of the greater part of the district is in a south-westerly direction, and that part of the district bounded by Butler Street, South Porter Street, Cobden Street, and Gibbon Street slopes toward the Shooter's Brook.

The highest point of the district is at the corner of Canning Street and Butler Street, being 176ft. 1in. above the mean sea level at Liverpool; and the lowest point is at the corner of New Islington and Woodward Street, which is 155ft. 8in. above the sea level.

The principal sewers of the district are the Shooter's Brook, the Butler Street and the Woodward Street sewers. The Shooter's Brook is now covered over and receives the flow of all the sewers in this district and their tributaries. The Butler Street sewer drains the houses in Butler Street, and then flows into the Shooter's Brook. The Woodward Street sewer commences at the corner of Butler Street, drains Antrobus Street and Pyle's Place, and, receiving the flow of the Wesley Street sewer along its tributaries from Back Woodward Street, Back Hadfield Street, and Daniel Street, drains also the Canning Street sewer with its tributaries from Back Woodward Street, Canning Street, Back

Lloyd Street, and Brief Street, and passes into the Shooter's Brook at New Islington. The Carruthers Street sewer drains a part of Bradford Street, also Brief Street and Wesley Street; and, along with the Hadfield Street sewer, with its tributaries from Smith Street and Back Wesley Street, passes into a cross sewer. The Cookson Street sewer drains a part of Ridgway Street and Rolleston Street, also Porter Street and Marland Street, and, receiving the flow of the Peel Street sewer, with its tributaries from South Porter Street, flows into the Shooter's Brook. The Marcer Street sewer receives the flow of part of the Ridgway Street sewer, with its tributaries from Bell Street, Flitcroft Street, and Robert Street; drains Croom Street, Tailor Street, Henry Street, and a part of Rolleston Street, with its tributary from Boardman Street, and eventually empties itself into Shooter's Brook. The Davies Street sewer commences at South Porter Street, drains part of Ridgway Street and South Porter Street, also Singleton Street and Henry Street; then, receiving the flow of the Rolleston Street sewer, with all its tributaries from Kirkham Street and Oliver Street, flows into the Shooter's Brook. The Clayton Street sewer takes its rise at the corner of South Porter Street, receives the flow of the South Porter Street, Ridgway Street, and Cobden Street sewers, drains Back Clayton Street, Kay's Buildings, and Wolsey Street, and then flows into the Shooter's Brook. The sewers from Dixon Street, Woodward Place, Strand Street, Lawton Street, Consitt's Buildings, Morris Street, Greenhough Street, Greenhough's Place, Robinson Street East, and Blank Street all flow into the Shooter's Brook. The Pott Street sewer drains Darlington Street, Darlington Square, and Clark Street; and, receiving the flow of the New Islington Street sewer, with its tributaries from Union Street, passes out of the district.

HOUSES

A greater part of the houses in this district have been built since 1830, about one-fourth before 1830, and the remainder since 1850.

There are a great many back-to-back houses in this district. Some of the courts are narrow and confined, and in one or two cases are in a bad condition, the houses therein being old and in want of repair. The passages are narrow, but as a rule are kept in fair condition.

The width of the streets ranges from 42ft. 3in. to 4ft., the average width being about 25ft. 6in., the bye-law of the Council of the city of Manchester (1868), which requires a width of 30ft. for every street after the date thereof, being not then in force.

The passages vary in width; those passing through the more recently erected property are wide, but the passages of the property which was built before 1868 are narrow, and in many cases the spaces between the backs of the houses are small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors, as they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are $4\frac{1}{2}$ in. thick.

In 1881 the streets enumerated within this district contained, according to the Overseers' books, 1,393 houses, of which 60 were unoccupied, leaving 1,333 as inhabited houses.

PLACES OF WORSHIP

Wesleyan Chapel	Daniel Street
St. Philip's, Church of England	Ridgway Street

SCHOOL

Wesleyan Sunday School	Daniel Street
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WORKS

James Campbell, Wheelwright.....	New Union Street
G. Armstrong & Son, Wood Turners	New Union Street
Adam Woodward, Queen's Foundry.....	New Islington
S. Young, Oil and Tallow Merchant.....	New Islington
G. Roberts, Wood Turner.....	New Islington
Walthew & Mayoh, Cotton Mill	New Islington
Lees & Co., Iron Works	Strand Street
W. Whatmough, Stone Merchant	Strand Street
Ellis Boardman, Brewery	Canning Street
J. E. Johnson, Wheelwright	Rolleston Street

POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was.....	5·01
For the township of Manchester	4·93
For the registration sub-district of Ancoats.....	4·76
As No. 12 Sanitary District contained, according to the Overseers' books for the current year, 1,333 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants...	6,678
Multiplied by 4·93 the number will be	6,571
Multiplied by 4·76 the number will be	6,345
The mean of these three estimates is	6,531

which will tolerably represent the population of the district.

A considerable part of the population are employed at Woodward's iron works and Walthew & Mayoh's cotton mill in New Islington, the latter employing a great number of females. The remainder of the district is inhabited by mechanics, artisans, and clerks who work in the city.

MORTALITY

From 27th December, 1880, to 30th December, 1881, the total number of deaths in the district from all causes, in the homes of the people, was 148.

DEATH RATE

According to the population, estimated by the average city rate of occupation, 148 deaths would give a rate per 1,000 of.....	22·16
According to the township rate of occupation	22·52
According to the registration sub-district rate	23·32
The mean of these three estimates of population	22·66

DETAILS OF DEATH, 1881

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1880					
Dec. 27...	11, Wesley Street.....	F	...4 months	...F Fustian finisher....	Syphilis
„ 28...	12, Canning Place.....	M	...1 day	.....F Carter.....	Debility
„ 29...	14, Dixon Street	F	...10 months	...F Porter.....	Convulsions
1881					
Jan. 3...	7, Wolden's Strand	F	...4 months	...F Carter.....	Marasmus
„ 4...	14, Canning Place.....	M	...33 years.....	Iron driller.....	Ulcer of stomach
„ 7...	23, Ridgway Street	F	...32 years.....	H Baker	Miscarriage
„ 7...	10, Back Hadfield Street.....	F	...33 years.....	H Stoker.....	Suffocated whilst in a fit
„ 11...	12, Canning Place.....	F	...1 year	.....F Labourer	Bronchitis
„ 12...	39, Bradford Street	M	...1 year.....	F Grocer	Gastro-enteritis
„ 15...	1, Blank Street.....	M	...4 weeks	.....F Warehouseman	Convulsive fit
„ 17...	7, Strand Street	M	...7 months	...F Iron driller	Bronchitis
„ 17...	73, Ridgway Street	F	...46 years.....	Cotton carder	Do.
„ 18...	64, Union Street	M	...62 years.....	Labourer	Convulsive fit
„ 19...	102, Woodward Street.....	F	...43 years.....	H Cooper	Chronic bronchitis
„ 21...	18, Ridgway Street	F	...50 years	...H Cotton overlooker...	Bronchitis
„ 22...	12, Back Rolleston Street	F	...5 years	.....F House painter	Scarlatina
„ 24...	18, Strand Street	F	...18 years.....	Cotton piecer	Acute bronchitis
„ 24...	58, Back Woodward Street...	M	...9 months	...F Slater	Tuberculosis
„ 25...	17, Ridgway Street	F	...51 years.....	H Fustian cutter	Bronchitis
„ 28...	70, Union Street	F	...70 years.....	H Porter.....	Apoplexy
Feb. 1...	2, Greenhough Street	M	...1 month.....	F Carter.....	Natural causes
„ 3...	7, Kirkham Street	M	...45 years.....	Cotton spinner	Bronchitis
„ 3...	Swallow's Place	F	...61 years	...Widow	Cirrhosis of liver
„ 7...	6, Chesshyre's Court.....	F	...1 year	.....F Iron moulder	Debility
„ 7...	2, Walden's Buildings	F	...87 years.....	H Cotton spinner	Senile decay
„ 9...	9, Kirkham Street	M	...46 years.....	Baker	Bronchitis
„ 10...	4, Canning Street	M	...49 years.....	Private watchman...	Do.
„ 25...	6, Lawton Street	F	...77 years.....	H Warehouseman.....	Senile decay
Mar. 2...	1, Passage, Fliteroft Street...	F	...77 years.....	Widow	Do.
„ 2...	12, Clayton Street	F	...7 months	...F Stonemason	Measles
„ 3...	8, Hadfield Street	F	...1 year	.....F Coal dealer	Bronchitis

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 5...	2, Ridgway Street.....	M...	8 months	...F Warehouseman	Meningitis
„ 14...	70, Woodward Street	M...	33 years.....	Mechanic	Peritonitis
„ 18 ..	7, Clayton Street	F ...	9 months	...F Mechanic	Bronchitis
„ 19. 23,	Strand Street	F ...	4 months	...F Gas maker	Gastro-enteritis
„ 21...3,	Darlington Square	M...	1 year	.....F Iron worker	Diarrhœa
„ 22...6,	Wesley Street .....	...F ...	12 years	...F Railway porter	Pneumonia
Apl. 1...4,	Woodward Street.....	F ...	28 years.....	H Grocer	Phthisis
„ 4...2,	Greenhough's Place.....	F ...	31 years.....	H Railway labourer ...	Puerperal metatis
„ 6...4,	Davies Street	F ...	10 months...	F Glass maker	Hydrocephalus
„ 9...21,	Peel Street	M...	3 years	.....F Policeman ...	Bronchitis
„ 11...64,	Ridgway Street	F ...	69 years.....	H Iron moulder.....	Do.
„ 13...57,	Woodward Street	F ...	4 months	...F Spade labourer ...	Intestinal disorder
„ 26...3,	Kirkham Street.....	...F ...	9 years	.....F Shoemaker.....	Pneumonia
„ 26...15,	Rollesion Street ...	M...	1 hour	.....F Glass maker	Debility
„ 27...9,	Smith Street	F ..	70 years	... Silk warper	Pyæmia
„ 27...116,	Butler Street.....	M...	54 years.....	Cotton dyer	Bronchitis
„ 30...41,	Canning Street	F ...	1 month	...F Ginger beer maker ..	Do.
„ 30...14,	Ridgway Street.....	...F ...	1 day	.....F Cotton overlooker...	Prematurity
May 2...50,	Canning Street	M...	41 years.....	Wood turner.....	Valvular disease of heart
„ 2...56,	Back Woodward Street..	F ...	17 years.....	Cotton reeler.....	Phthisis
„ 2...8,	Greenhough Street	M...	26 years.....	Warehouse packer..	Do.
„ 3...17,	Wesley Street	M...	38 years.....	Carter.....	Pneumonia
„ 17...82,	Butler Street	F ...	2 years	.....F Excavator	Thrombosis of heart
„ 19...3,	Consitt's Buildings	M...	33 years.....	Stonemason	Bright's disease
„ 23...39,	Bradford Street	F ...	22 years.....	H Baker	Nephritis
„ 23...92,	Butler Street	M...	53 years	.....Engine fitter	Cirrhosis of liver
„ 23 ..1,	Peel Street	M..	74 years.....	Mechanic	Apoplexy
„ 23...92,	Woodward Street	F ...	8 months	...F Railway labourer ..	Debility
„ 24...118,	Butler Street	F ...	9 years	.....F Salesman	Phthisis
„ 26...33,	Davies Street	F ...	3 months	...F Maker-up	Convulsions
„ 27...11,	Darlington's Buildings ...	M...	4 months	...F Dyer	Convulsive fit
„ 31...25,	Back Hadfield Street ...	F ..	67 years.....	H Knocker-up	Apoplexy
June 6...32,	Canning Street	M...	24 years.....	Mechanic	Pneumonia
„ 6 ..30,	Canning Street	F ...	56 years.....	H Mechanic	Natural causes
„ 13...4,	Consitt's Buildings	M...	2 weeks	.....F Wood sawyer	Debility
„ 15...18,	Canning Street	F ...	4 months	...F Glass maker	Pneumonia
„ 15...12,	Brief Street	M...	14 years.....	F Painter	Natural causes
„ 18...106,	Woodward Street	M...	1 year	.....F Farrier	Pertussis
July 4...61,	Canning Street .....	...F ...	2 weeks.....	F Spindle maker	Prematurity
„ 9...29,	Bradford Street	F ...	57 years	...H Mechanic	Carcinoma uteri
„ 22...5,	Bradford Street	M...	2 weeks.....	F Eating house keeper.	Jaundice
„ 23...76,	Canning Street	F ...	67 years.....	H Farm labourer	Phthisis
„ 26...28,	Clayton Street.....	F ...	9 months	...F Postman.....	Diarrhœa
„ 27...22,	Brief Street.....	..M...	4 months	...F Shop porter ...	Bronchitis
Aug. 2...57,	Back Woodward Street...	F ...	32 years.....	H Labourer	English cholera

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Aug. 5	12, Lawton Street	M	48 years	Coach builder	Hemiplegia
„ 5	6, Back Rolleston Street	M	7 months	F Collier	Convulsions
„ 9	131, Butler Street	M	4 months	F Tripe dresser	Do.
„ 10	3, Cobden Street	F	49 years	H Painter	Natural causes
„ 10	43, Davies Street	F	3 months	F Cotton spinner	Do.
„ 12	4, Marland Street	M	2 months	M Domestic servant	Dyspepsia
„ 15	21, Back Woodward Street	M	6 weeks	F Mechanic	Marasmus
„ 17	30, Clayton Street	M	38 years	Baker	Phthisis
„ 18	89, Bradford Street	M	6 years	F Engine driver	Pneumonia
„ 19	22, Davies Street	M	20 years	Iron planer	Phthisis
„ 19	21, Woodward Street	F	1 year	F Warehouseman	Diarrhœa
„ 20	8, Wolden's Strand	M	16 years	Wire worker	Congestion of lungs
„ 27	98, Woodward Street	F	49 years	H Forgeman	Cancer of uterus
Sep. 2	48, Back Woodward Street	M	3 months	F Porter	Choleraic diarrhœa
„ 6	17, Canning Street	F	36 years	Cotton spinner	Consumption
„ 6	1, Cookson Street	M	2 weeks	F Chimney sweeper	Marasmus
„ 7	11, Back Clayton Street	F	2 months	F Carter	Congestion of lungs
„ 7	105, Bradford Street	F	34 years	H Carter	Pneumonia
„ 9	14, Robinson Street East	F	60 years	H Cotton spinner	Do.
„ 16	171, Butler Street	M	7 years	F Cotton spinner	Lympho-sarcoma of neck
„ 16	126, Butler Street	F	56 years	H Coach maker	Angina pectoris
„ 19	10, Darlington Street	F	5 years	F Maker-up	Diarrhœa
„ 20	17, Woodward Street	F	17 years	F Tinplate worker	Bronchitis
„ 20	5, Greenhough's Place	M	4 years	F Carder	Phthisis
„ 21	53, Woodward Street	M	2 years	F Butcher	Pertussis
„ 21	107, Woodward Street	M	2 years	F Clogger	Pneumonia
„ 22	37, Canning Street	F	1 year	F Spinner	Atrophy
„ 24	30, Marcer Street	M	1 year	F Moulder	Poisoned
„ 24	7, Lion Street	M	57 years	Blacksmith	Pneumonia
„ 26	1 Passage, Flitcroft Street	M	4 months	F Iron moulder	Stomatitis
„ 28	1, Chapel View	F	19 years	Cotton reeler	Phthisis
„ 28	80, Canning Street	F	59 years	Widow	Bronchitis
„ 28	53, Woodward Street	M	1 year	F Butcher	Pertussis
„ 29	59, Woodward Street	F	2 weeks	F Clogger	Diarrhœa
Oct. 4	33, South Porter Street	F	3 years	F Brewer	Measles
„ 4	53, Woodward Street	F	4 months	F Butcher	Pertussis
„ 12	6, Kay's Buildings	M	3 years	F Hawker	Scarlatina
„ 15	11, Consitt's Buildings	F	47 years	H Slater	Mesenteric disease
„ 22	1, Churchill Buildings	M	3 weeks	F Joiner	Bronchitis
„ 25	28, Ridgway Street	F	42 years	Spinner	Phthisis
„ 25	5, Morris Street	F	3 days	F Labourer	Convulsions
„ 25	3, Wolden's Strand	F	30 years	H Painter	Natural causes
„ 27	16, Brief Street	F	15 years	Machinist	Aneurism
„ 28	3, Greenhough's Place	F	20 years	Mill hand	Phthisis
„ 28	14, Clayton Street	F	14 weeks	F Mechanic	Diarrhœa

DETAILS OF DEATH, 1881—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 29	47, Rolleston Street.....	M	52 years	Meehanic	Chronic phthisis
„ 31	13, Woodward Street	F	5 months	F Cabinet maker	Bronchitis
„ 31	7, Worthington's Court	M	48 years	..... Mill hand	Do.
Nov. 4	78, Woodward Street	F	5 years	..... F Porter.....	Do.
„ 6	5, Swallow's Place ...	M	26 years	..... Maker-up	Phthisis
„ 14	19, Woodward Street	M	3 years	..... F Tinplate worker ...	Pertussis
„ 15	18, Davies Street	F	3 years	..... F Lath cutter	Enteritis
„ 19	3, Woodward's Place	M	5 months	..... F Labourer	Bronchitis
„ 24	10, Consitt's Buildings	M	75 years	..... Labourer	Do.
„ 24	25, Bradford Street.....	M	28 years	..... Clerk	Phthisis
„ 26	9, Peel Street	M	17 months	..... F Cotton spinner	Natural causes
„ 27	3, Daniel Street	M	36 years	..... Baker	Bronchitis
Dec. 3	39, Canning Street .	F	2 years	..... F Labourer	Measles
„ 3	41, Bradford Street	F	88 years	..... Widow	Decay of nature
„ 5	41, Woodward Street	M	21 months	..... F Wheelwright.....	Injuries
„ 7	2, Kirkham Street	F	1 year	..... F Collier	Pertussis
„ 7	31, Clayton Street	F	3 weeks	..... F Labourer	Prematurity
„ 8	9, Greenhough's Place.....	M	39 years	..... Clothes dealer	Phthisis
„ 10	1, Wesley Street	F	31 years	..... H Shoemaker	Do.
„ 12	49, Rolleston Street.....	F	15 years	..... Brace maker.....	Rheumatic fever
„ 13	1, Townson Street	F	1 day	..... F Finisher.....	Inanition
„ 15	9 New Islington	F	3 months	..... F Farrier	Convulsive fit
„ 15	Coal Yard, Marcer Street ...	M	67 years	..... Labourer	Natural causes
„ 16	23, Woodward Street	M	1 year	..... F Carter.....	Pertussis
„ 20	21, Kirkham Street.....	F	2 years	..... F Slater.....	Do.
„ 29	26, Canning Street	M	49 years	..... Labourer	Bronchitis
„ 30	39, Back Woodward Street...	M	1 year	..... F Labourer	Pneumonia

AGE AT DEATH

All under 1 year	45
„ 2 years	60
„ 3 „	65
„ 4 „	70
„ 5 „	71 = 71
Between 5 and 10 years	7
„ 10 „ 20 „	9
„ 20 „ 30 „	8
„ 30 „ 40 „	15
„ 40 „ 50 „	13
„ 50 „ 60 „	10
„ 60 „ 70 „	7
„ 70 „ 80 „	6
„ 80 „ 90 „	2
Total deaths.....	<u>148</u>

DEATHS PER 100 of the total number of deaths at different ages

Under 1 year.....	30·40	Under 4 years	47·29
„ 2 years	40·54	„ 5 „	47·97
„ 3 „	43·91		
Between 5 and 10 years	4·72	Between 50 and 60 years ...	6·75
„ 10 „ 20 „	6·08	„ 60 „ 70 „ ...	4·72
„ 20 „ 30 „	5·40	„ 70 „ 80 „ ...	4·05
„ 30 „ 40 „	10·13	„ 80 „ 90 „ ...	1·35
„ 40 „ 50 „	8·78		

DEATHS PER 1,000 of the mean population (6,531) at different ages

Under 1 year.....	6·89	Under 4 years	10·71
„ 2 years	9·18	„ 5 „	10·87
„ 3 „	9·95		
Between 5 and 10 years	1·07	Between 50 and 60 years ...	1·53
„ 10 „ 20 „	1·37	„ 60 „ 70 „ ...	1·07
„ 20 „ 30 „	1·22	„ 70 „ 80 „ ...	·91
„ 30 „ 40 „	2·29	„ 80 „ 90 „ ...	·30
„ 40 „ 50 „	1·99		

CAUSES OF DEATH

ZYMOTIC DISEASES

SCARLET FEVER

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Jan. 22..	12, Back Rolleston Street	...F	...5 years	.....F Painter	.....Scarlatina
Oct. 12...	6, Kay's Buildings	.....M	...3 years	.....F Hawker	.....Do.

MEASLES

Mar. 2...	12, Clayton Street	.....F	...7 months	...F Stonemason	.....Measles
Oct. 4...	33, South Porter Street	.....F	...3 years	.....F Brewer	.....Do.
Dec. 3...	39, Canning Street	.....F	...2 years	.....F Labourer	.....Do.

WHOOPING COUGH

June 18...	106, Woodward Street	.....M	...1 year	.....F Farrier	.....Pertussis
Sep. 21...	53, Woodward Street	.....M	...2 years	.....F Butcher	.....Do.
„ 28...	53, Woodward Street	.....M	...1 year	.....F Butcher	.....Do.
Oct. 4...	53, Woodward Street	.....F	...4 months	...F Butcher	.....Do.
Nov. 14...	19, Woodward Street	.....M	...3 years	.....F Tin worker	.....Do.
Dec. 7...	2, Kirkham Street	.....F	...1 year	.....F Collier	.....Do.
„ 16...	23, Woodward Street	.....M	...1 year	.....F Carter	.....Do.
„ 20...	21, Kirkham Street	.....F	...2 years	... ..F Slater	.....Do.

DIARRHŒA

Mar. 21...	3, Darlington Square	.....M	...1 year	.....F Iron worker	.....Diarrhœa
July 26 ..	28, Clayton Street	.....F	...9 months	...F Postman	.....Do.
Aug. 19...	21, Woodward Street	.....F	...1 year	.....F Warehouseman	.....Do.
Sep. 2...	48, Back Woodward Street	...M	...3 months	...F Porter	.....Do.
„ 19...	10, Darlington Street	.....F	.. 5 years	.....F Packer	.....Do.
„ 29 ..	59, Woodward Street	.....F	...2 weeks	.....F Clogger	.....Do.
Oct. 28...	14, Clayton Street	.....F	...14 weeks	...F Meehanie	.....Do.

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS

Jan. 11...	12, Canning Place	.....F	...1 year	.....F Labourer	.....Bronchitis
„ 17...	7, Strand Street	.....M	...7 months	...F Driller	.....Do.
„ 17...	73, Ridgway Street	.....F	...46 years	... Carder	.....Do.
„ 21...	18, Ridgway Street	.....F	...50 years	....H Overlooker	.....Do.
„ 24...	18, Strand Street	.....F	...18 years	.....Piecer	.....Do.
„ 25...	17, Ridgway Street	.....F	...51 years	....H Fustian cutter	.....Do.
Feb. 3...	7, Kirkham Street	.....M	...45 years	.....Spinner	.....Do.
„ 9...	9, Kirkham Street	.....M	...46 years	.....Baker	.....Do.
„ 10...	4, Canning Street	.....M	...49 years	.....Watchman	.....Do.

CAUSES OF DEATH—continued

DISEASES OF LUNGS

PNEUMONIA AND ACUTE BRONCHITIS—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Mar. 3...	8, Hadfield Street	F	1 year	F Coal dealer	Bronchitis
,, 18...	7, Clayton Street	F	9 months	F Mechanic	Do.
,, 22...	6, Wesley Street	F	12 years	F Railway porter	Pneumonia
Apl. 9...	21, Peel Street	M	3 years	F Policeman	Bronchitis
,, 11...	64, Ridgway Street	F	69 years	H Iron worker	Do.
,, 26...	3, Kirkham Street	F	9 years	F Shoemaker	Pneumonia
,, 27...	116, Butler Street	M	54 years	Cotton dyer	Bronchitis
,, 30...	44, Canning Street	F	1 month	F Ginger beer maker	Do.
May 3...	17, Wesley Street	M	38 years	Carter	Pneumonia
June 6...	32, Canning Street	M	24 years	Mechanic	Do.
,, 15...	18, Canning Street	F	4 months	F Glass worker	Do.
July 27 ..	22, Brief Street	M	4 months	F Shop porter	Bronchitis
Aug. 18...	89, Bradford Street	M	6 years	F Locomotive driver	Pneumonia
,, 20...	8, Wolden's Strand	M	16 years	Wire worker	Congestion
Sep. 7 ..	11, Back Clayton Street	F	2 months	F Carter	Do
,, 7...	105, Bradford Street	F	34 years	H Carter	Pneumonia
,, 9...	14, Robinson Street East ...	F	60 years	H Spinner	Do.
,, 16...	126, Butler Street	F	56 years	H Coach maker	Angina pectoris
,, 20...	17, Woodward Street ...	F	17 years	F Tinplate worker	Bronchitis
,, 21...	107, Woodward Street	M	2 years	F Clogger	Pneumonia
,, 24...	7, Lion Street	M	57 years	Blacksmith	Do.
,, 28...	80, Canning Street	F	59 years	Widow	Bronchitis
Oct. 22...	1, Churchill Buildings	M	3 weeks	F Joiner	Do.
,, 31...	13, Woodward Street	F	5 months	F Cabinet maker	Do.
,, 31...	7, Worthington's Court	M	48 years	Mill hand	Do.
Nov. 4...	78, Woodward Street	F	5 years	F Porter	Do.
,, 19...	3, Woodward's Place	M	5 months	F Labourer	Do.
,, 24 ..	10, Consitt's Buildings	M	75 years	Labourer	Do.
,, 27...	3, Daniel Street	M	36 years	Baker	Do.
Dec. 29...	26, Canning Street	M	49 years	Labourer	Do.
,, 30...	39, Back Woodward Street...	M	1 year	F Labourer	Pneumonia

CHRONIC BRONCHITIS

Jan. 19...102, Woodward Street

F	43 years	H	Cooper	Chronic bronchitis
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PHTHISIS PULMONALIS

Apl. 1...	4, Woodward Street	F	28 years	H Grocer	Phthisis
May 2...	56, Back Woodward Street...	F	17 years	Reeler	Do.
,, 2...	8, Greenhough Street	M	26 years	Warehouse packer	Do.
,, 24	118, Butler Street	F	9 years	F Salesman	Do.

CAUSES OF DEATH—continued

DISEASES OF LUNGS

PHTHISIS PULMONALIS—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
July 23...	76, Canning Street	F	67 years...	H Labourer	Phthisis
Aug. 17...	30, Clayton Street	M	38 years.....	Baker	Do.
„ 19...	22, Davies Street	M	20 years.....	Iron planer	Do.
Sep. 20 ..	5, Greenhough's Place.....	M	4 years	F Carder	Do.
„ 28...	1, Chapel View.....	F	19 years.....	Reeler	Do.
Oct. 25...	28, Ridgway Street	F	42 years.....	H Spinner	Do.
„ 28...	3, Greenhough's Place	F	20 years.....	Mill hand	Do.
„ 29...	47, Rolleston Street	M	52 years.....	Mechanic	Do.
Nov. 6...	5, Swallow's Place	M	26 years.....	Packer	Do.
„ 24...	25, Bradford Street	M	28 years.....	Clerk	Do.
Dec. 8...	9, Greenhough's Place	M	39 years.....	Clothier	Do.
„ 10...	1, Wesley Street	F	31 years.....	H Shoemaker.....	Do.

INFANTILE TUBERCULOSIS

Jan. 24...	58, Back Woodward Street...	M	9 months	F Slater	Tuberculosis
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DISEASES OF NERVOUS SYSTEM

CONVULSIONS

May 26...	33, Davies Street	F	3 months	F Packer	Convulsions
Aug. 5...	6, Back Rolleston Street.....	M	7 months	F Collier	Do.
„ 9...	131, Butler Street	M	4 months	F Tripe dresser.....	Do.

HYDROCEPHALUS

Mar. 5...	2, Ridgway Street	M	8 months	F Warehouseman	Meningitis
Apl. 6...	4, Davies Street	F	10 months...	F Glass worker	Hydrocephalus

APOPLEXY

Jan. 28...	70, Union Street	F	70 years.....	H Porter	Apoplexy
May 23...	1, Peel Street	M	74 years.....	Mechanic	Do.

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION, AND WASTING

1880					
Dec. 28..	12, Canning Place	M	1 day	F Carter... ..	Debility
1881					
Jan. 3...	7, Wolden's Strand	F	4 months	F Carter	Marasmus
Feb. 7...	6, Che-shyre's Court	F	1 year	F Moulder	Debility
„ 7...	2, Walden's Buildings.....	F	87 years.....	H Spinner	Senile decay
„ 25...	6, Lawton Street	F	77 years.....	H Warehouseman	Do.
Mar. 2...	1, Passage, Flitcroft Street..	F	77 years.....	Widow	Do.

CAUSES OF DEATH—continued

DISEASES OF DEBILITY

ASTHENIA, ATROPHY, DEBILITY, TABES MESENTERICA, MARASMUS, INANITION,
AND WASTING—continued

DATE 1881	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 26...15,	Rolleston Street.....	M...	1 hour	.....F Glass worker.....	Debility
May 23	92, Woodward Street	F ...	8 months	...F Railway labourer ...	Do.
June 13...	4, Consitt's Buildings	M...	2 weeks	.....F Sawyer	Do.
Aug. 12...	4, Marland Street	M...	2 months	...M Domestic servant ...	Exhaustion
,, 15...	21, Back Woodward Street...	M...	6 weeks	.....F Mechanic	Marasmus
Sep. 6...	1, Cookson Street	M...	2 weeks	.....F Sweep.....	Do.
,, 22...	37, Canning Street	F ...	1 year	.....F Spinner	Atrophy
Dec. 3...	41, Bradford Street.....	F ...	88 years	.....Widow	Natural decay
,, 13...	1, Townson Street	F ...	1 day	.....F Finisher.....	Inanition

PREMATURE BIRTH

Jan. 7...	23, Ridgway Street	F ...	32 years	.....H Baker.....	Miscarriage
Apl. 4...	2, Greenhough's Place.....	F ...	31 years	.....H Railway porter	Puerperal metatis
,, 30...	14, Ridgway Street	F ...	1 day	.....F Overlooker.....	Prematurity
July 4...	61, Canning Street	F ...	2 weeks	.....F Spindle maker	Do.
Dec. 7...	31, Clayton Street	F ...	3 weeks	.....F Labourer	Do.

DISEASE OF HEART

May 2...	50, Canning Street	M...	41 years	... Wood turner	Valvular disease
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DISEASE OF BRAIN

Oct. 27 ..	16, Brief Street	F ..	15 yearsF Machinist	Aneurism of central artery
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DISEASES OF KIDNEYS

May 19...	3, Consitt's Buildings	M...	33 yearsMason	Bright's disease
,, 23...	39, Bradford Street	F ...	22 years	.....F Baker	Nephritis

DISEASES OF LIVER

Feb. 3...	Swallow's Place	F ...	61 years	.....Widow	Cirrhosis
May 23...	92, Butler Street	M...	53 years	.....Engine fitter	Do.
July 22...	5, Bradford Street	M...	2 weeks	.....F Eatinghouse keeper.	Jaundice

DISEASES OF BOWELS

Jan. 12...	39, Bradford Street.....	M...	1 year	.....F Grocer.....	Enteritis
Mar. 14...	70, Woodward Street	M...	33 years	.....Mechanic	Peritonitis
,, 19...	23, Strand Street	F ...	4 months	...F Gas maker	Enteritis
Apl. 13...	57, Woodward Street	F ...	4 months	...F Labourer	Intestinal disorder
Nov. 15...	18, Davies Street.....	F ...	3 years	.....F Lath cutter	Enteritis

CAUSES OF DEATH—continued

PARALYSIS

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Aug. 5...	12, Lawton Street	M...	48 years	Coach builder	Hemiplegia

CANCEROUS DISEASES

July 9...	29, Bradford Street	F ...	57 years	H Mechanic	Carcinoma uteri
Aug. 27...	98, Woodward Street	F ...	49 years	H Forgeman	Cancer of uterus

INFANTILE SYPHILIS

1880					
Dec. 27...	11, Wesley Street	F ...	4 months	F Fustian cutter	Syphilis

ULCERS

1881					
Jan. 4...	14, Canning Place	M...	33 years	Iron driller	Ulcer of stomach
Apl. 27...	9, Smith Street	F ...	70 years	Silk warper	Ulcer of leg

DISEASES OF MOUTH AND NECK

Sep. 16...	171, Butler Street	M...	7 years	F Cotton spinner	Sarcoma of neck
„ 26...	1, Passage, Flitcroft Street	M...	4 months	F Moulder	Stomatitis

RHEUMATISM

Dec. 12...	49, Rolleston Street	F ...	15 years	Brace maker	Rheumatic fever
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CORONER'S INQUESTS

1880					
Dec. 29...	14, Dixon Street	F ...	10 months	F Porter	Convulsions
1881					
Jan. 7...	10, Back Hadfield Street	F ...	33 years	H Stoker	Suffocation
„ 15...	1, Blank Street	M...	4 weeks	F Warehouseman	Convulsions
„ 18...	64, Union Street	M...	62 years	Labourer	Do.
Feb. 1...	2, Greenhough Street	M...	1 month	F Carter	Natural causes
May 17...	82, Butler Street	F ..	2 years	F Excavator	Thrombosis of heart
„ 27...	11, Darlington's Buildings	M...	4 months	F Dyer	Convulsions
„ 31...	25, Back Hadfield Street	F ...	67 years	H Knocker-up	Apoplexy
June 6...	30, Canning Street	F ...	56 years	H Mechanic	Natural causes
„ 15...	12, Brief Street	M...	14 years	F Painter	Do.
Aug. 2...	57, Back Woodward Street	F ...	32 years	H Labourer	Cholera
„ 10...	3, Cobden Street	F ...	49 years	H Painter	Natural causes
„ 10...	43, Davies Street	F ...	3 months	F Spinner	Do.
Sep. 6...	17, Canning Street	F ...	36 years	Spinner	Consumption
„ 24...	30, Marcer Street	M...	1 year	F Moulder	Poisoned
Oct. 15...	11, Consitt's Buildings	F ...	47 years	H Slater	Mesenterica
„ 25...	5, Morris Street	F ...	3 days	F Labourer	Convulsions
„ 25...	3, Wolden's Strand	F ...	30 years	H Painter	Natural causes
Nov. 26...	9, Peel Street	M...	17 months	F Spinner	Do.
Dec. 5...	41, Woodward Street	M...	21 months	F Wheelwright	Injuries
„ 15...	9, New Islington	F ...	3 months	F Farrier	Convulsions
„ 15...	Coal Yard, Marcer Street	M...	67 years	Labourer	Natural causes

PROPORTION PER CENT. *of total number of deaths from all causes*

Zymotic diseases	8·78	Premature birth	3·37
Scarlet fever	1·35	Diseases of heart	·67
Measles	2·02	Diseases of brain	·67
Whooping cough	5·40	Diseases of kidneys	1·35
Diarrhœa	4·72	Diseases of liver	2·02
Diseases of lungs	38·51	Diseases of bowels	3·37
Pneumonia and acute bron-		Paralysis	·67
chitis.....	26·35	Cancerous diseases	1·35
Chronic bronchitis	·67	Infantile syphilis	·67
Phthisis pulmonalis	10·81	Ulcers	·67
Infantile tuberculosis	·67	Diseases of mouth and neck...	1·35
Diseases of nervous system ...	4·72	Rheumatism	·67
Convulsions	2·02	Coroner's inquests.....	14·86
Hydrocephalus	1·35		
Apoplexy	1·35		
Diseases of debility, asthenia,			
atrophy, debility, tabes			
mesenterica, marasmus,			
inanition, wasting, &c....	9·45		

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic diseases	1·99	Premature birth	·76
Scarlet fever	·30	Diseases of heart	·15
Measles	·45	Diseases of brain	·15
Whooping cough	1·22	Diseases of kidneys	·30
Diarrhœa	1·07	Diseases of liver	·45
Diseases of lungs	8·72	Diseases of bowels	·76
Pneumonia and acute bron-		Paralysis	·15
chitis.....	5·97	Cancerous diseases	·30
Chronic bronchitis	·15	Infantile syphilis	·15
Phthisis pulmonalis	2·44	Ulcers	·15
Infantile tuberculosis	·15	Diseases of mouth and neck...	·30
Diseases of nervous system ...	1·07	Rheumatism	·15
Convulsions	·45	Coroner's inquests.....	3·36
Hydrocephalus	30		
Apoplexy	·30		
Diseases of debility, asthenia,			
atrophy, debility, tabes			
mesenterica, marasmus,			
inanition, and wasting ...	2·14		

APPENDIX.

DEATHS IN THE CITY.

DEATHS IN THE CITY

DEATHS FROM ALL CAUSES DURING THE YEARS 1868 TO 1883, INCLUDING THE
DEATHS IN MONSALL HOSPITAL

Year	Number of Deaths	Year	Number of Deaths	Year	Number of Deaths
1868 ...	11,242	1874 ...	9,922	1879 ...	8,515
1869 ...	10,232	1875 ...	10,074	1880 ...	8,893
1870 ...	9,906	1876 ...	9,861	1881 ...	8,473
1871 ...	10,435	1877 ...	9,129	1882 ...	8,738
1872 ...	9,551	1878 ...	9,169	1883 ...	8,922
1873 ...	10,015				

DEATHS FROM THE FIVE ZYMOTIC DISEASES,
SMALLPOX, FEVER, MEASLES, WHOOPING COUGH, AND SCARLATINA,
INCLUDING THE DEATHS IN MONSALL HOSPITAL.

Year	Number of Deaths	Rate per 1,000 of Population	Year	Number of Deaths	Rate per 1,000 of Population
1868 ...	2,342	6·8	1876 ...	1,338	3·7
1869 ...	1,505	4·3	1877 ...	1,137	3·1
1870 ...	1,138	3·3	1878 ...	785	2·2
1871 ...	1,201	3·4	1879 ...	897	2·5
1872 ...	1,207	3·4	1880 ...	919	2·5
1873 ...	1,262	3·5	1881 ...	566	1·6
1874 ...	1,136	3·2	1882 ...	865	2·5
1875 ...	1,009	2·9	1883 ...	812	2·3

DEATHS FROM FEVER,
TYPHUS AND TYPHOID.

Year	Number of Deaths	Rate per 1,000 of Population	Year	Number of Deaths	Rate per 1,000 of Population
1868 ...	935	1·83	1876 ...	225	·63
1869 ...	403	1·16	1877 ...	164	·46
1870 ...	392	1·13	1878 ...	115	·32
1871 ...	282	·80	1879 ...	68	·18
1872 ...	242	·68	1880 ...	89	·24
1873 ...	232	·66	1881 ...	75	·21
1874 ...	188	·53	1882 ...	116	·33
1875 ...	177	·50	1883 ...	76	·22

NUMBER OF DEATHS AND RATE PER 1,000 OF POPULATION IN EACH QUARTER OF
THE YEARS 1873 TO 1883

Year	No. of Deaths	Rate per 1,000 of Population	Year	No. of Deaths	Rate per 1,000 of Population
1873			1879		
March Quarter...	2,799	31·88	March Quarter...	2,868	31·99
June ,,	2,420	27·56	June ,,	1,997	22·31
September ,,	2,515	28·65	September ,,	1,611	18·09
December ,,	2,281	25·95	December ,,	2,044	22·86
1874			1880		
March Quarter...	2,451	27·84	March Quarter...	2,354	27·57
June ,,	2,366	26·87	June ,,	2,242	26·26
September ,,	2,532	28·76	September ,,	2,268	26·56
December ,,	2,573	29·22	December ,,	2,029	23·76
1875			1881		
March Quarter...	3,035	34·39	March Quarter...	2,593	30·36
June ,,	2,373	26·86	June ,,	1,970	23·04
September ,,	2,246	25·43	September ,,	1,745	20·40
December ,,	2,420	27·40	December ,,	2,165	25·32
1876			1882		
March Quarter...	1,821	31·83	March Quarter...	2,063	24·16
June ,,	2,373	26·78	June ,,	2,333	27·32
September ,,	2,332	26·31	September ,,	2,205	25·80
December ,,	2,175	24·54	December ,,	2,137	25·04
1877			1883		
March Quarter...	2,446	27·79	March Quarter...	2,437	28·64
June ,,	2,369	26·64	June ,,	2,200	25·88
September ,,	1,989	22·37	September ,,	2,008	23·52
December ,,	2,230	25·08	December ,,	2,277	26·64
1878					
March Quarter...	2,376	26·63			
June ,,	2,234	25·04			
September ,,	2,201	24·67			
December ,,	2,358	26·43			

DEATHS FROM MEASLES AND RATE PER 1,000 OF POPULATION

1882				1883			
	Deaths		Death Rate	Deaths		Death Rate	
Ancoats	27	...	·56	33	...	·68	
Central	44	...	1·55	23	...	·55	
St. George's.....	26	...	·43	53	...	·89	
Hulme.....	100	...	1·38	50	...	·69	
Chorlton-on-Medlock ...	89	...	1·60	16	...	·28	
Ardwick	26	...	·83	12	...	·38	
Cheetham	11	...	·46	5	...	·19	
Beswick	8	...	1·05	13	...	·63	
Royal Infirmary	—	...	—	—	...	—	
Monsall Hospital	—	...	—	5	...	—	
Crumpsall Workhouse...	2	...	—	37	...	—	
	<u>333</u>			<u>247</u>			

1882		1883	
	Deaths		Deaths
January.....	20	January.....	7
February	33	February	3
March	60	March	17
April..	96	April	26
May	31	May	12
June	29	June	12
July	13	July	18
August	8	August	16
September	3	September	17
October	10	October	22
November	14	November	32
December.....	16	December	65
	<u>333</u>		<u>247</u>

DEATHS FROM WHOOPING COUGH AND RATE PER 1,000 OF POPULATION

	1882		1883	
	Deaths	Death Rate	Deaths	Death Rate
Ancoats.....	35	·73	72 ...	1·50
Central.....	47 ...	1·12	16 ...	·38
St. George's	64 ...	1·08	51 ...	·86
Hulme	63 ...	·87	55 ...	·76
Chorlton-on-Medlock ...	47 ...	·84	13 ...	·23
Ardwick	17 ...	·54	24 ...	·76
Cheetham.....	12 ...	·46	10 ...	·39
Beswick	4 ...	·50	3 ...	·37
Royal Infirmary	— ...	—	— ...	—
Monsall Hospital	— ...	—	— ...	—
Crumpsall Workhouse...	4 ...	—	3 ...	—
	<hr/> 293 <hr/>		<hr/> 247 <hr/>	

1882		1883	
	Deaths		Deaths
January.....	21	January.....	35
February	31	February	29
March	30	March	25
April.....	38	April.....	31
May	42	May	18
June	29	June.....	34
July	26	July	15
August	13	August	12
September.....	19	September.....	11
October.....	13	October.....	6
November.....	12	November.....	14
December	19	December.....	17
	<hr/> 293 <hr/>		<hr/> 247 <hr/>

DEATHS FROM FEVER AND RATE PER 1,000 OF POPULATION

1882

1883

	Deaths	Death Rate	Deaths	Death Rate
Ancoats	9	·17	5	·10
Central	8	·19	4	·09
St. George's	14	·23	10	·16
Hulme	19	·26	7	·09
Chorlton-on-Medlock...	5	·09	3	·05
Ardwick	5	·16	8	·25
Cheetham	5	·19	5	·19
Beswick	5	·62	—	—
Royal Infirmary	3	—	1	—
Monsall Hospital	35	—	27	—
Crumpsall Workhouse...	8	—	6	—
	<u>116</u>		<u>76</u>	

1882

1883

Deaths

Deaths

January	7	January	10
February	8	February.....	5
March	8	March	7
April	17	April	9
May.....	9	May.....	5
June	3	June	4
July	5	July.....	6
August	9	August	6
September	13	September	5
October	16	October	4
November	9	November	4
December	12	December	11
	<u>116</u>		<u>76</u>

DEATHS FROM SCARLATINA AND RATE PER 1,000 OF POPULATION

	1882		1883	
	Deaths	Death Rate	Deaths	Death Rate
Ancoats	15	·31	25	·52
Central	8	·19	22	·52
St. George's	13	·21	48	·81
Hulme	23	·31	40	·55
Chorlton-on-Medlock...	11	·19	18	·32
Ardwick	15	·48	17	·54
Cheetham	7	·28	6	·23
Beswick	7	·87	6	·75
Royal Infirmary	1	—	3	—
Monsall Hospital	7	—	57	—
Crumpsall Workhouse..	—	—	—	—
	<u>107</u>		<u>242</u>	

	1882		1883
	Deaths		Deaths
January	11	January	12
February	7	February	11
March	10	March	14
April	6	April	8
May	7	May	10
June	6	June	19
July	8	July	23
August	9	August	17
September	10	September	26
October	5	October	36
November	12	November	31
December	16	December	35
	<u>107</u>		<u>242</u>

SMALLPOX

In 1880.....	2 deaths.....	{	1 in Cheetham
			1 in Monsall Hospital
In 1881.....	11 deaths.....	{	1 in Market Street
			1 in St. George's
			9 in Monsall Hospital
In 1882.....	16 deaths.....	{	1 in St. George's
			3 in Hulme
			1 in Ardwick
			10 in Monsall Hospital
			1 in Crumpsall Workhouse
In 1883.....	No deaths from smallpox		

DEATHS FROM DIARRHŒA AND RATE PER 1,000 OF POPULATION

	1882		1883	
	Deaths	Death Rate	Deaths	Death Rate
Ancoats.....	118	2·45	99	·85
Central	40	·95	41	·98
St. George's	54	·91	62	1·04
Hulme	61	·84	63	·87
Chorlton-on-Medlock ...	38	·61	29	52
Ardwick	30	·96	28	·89
Cheetham	14	·54	19	·73
Beswick	11	1·38	9	1·13
Crumpsall Workhouse...	17	—	15	—
Royal Infirmary	1	—	—	—
	<hr/>		<hr/>	
	384		365	
	<hr/>		<hr/>	

SEASONS IN WHICH THE GREATER NUMBER OF DEATHS OCCUR FROM
DIARRHŒA

1882				1883			
Week ending June 10	...	4		Week ending June 9	...	3	
„ „ 17	...	—		„ „ 16	...	7	
„ „ 24	...	3		„ „ 23	...	2	
„ July 1	...	6		„ „ 30	...	4	
„ „ 8	...	4		„ July 7	...	3	
„ „ 15	...	7		„ „ 14	...	18	
„ „ 22	...	12		„ „ 21	...	12	
„ „ 29	...	7		„ „ 28	...	19	
„ Aug. 5	...	10		„ Aug. 4	...	11	
„ „ 12	...	16		„ „ 11	...	15	
„ „ 19	...	35		„ „ 18	...	20	
„ „ 26	...	43		„ „ 25	...	22	
„ Sept. 2	...	43		„ Sept. 1	...	24	
„ „ 9	...	24		„ „ 8	...	33	
„ „ 16	...	18		„ „ 15	...	26	
„ „ 23	...	14		„ „ 22	...	14	
„ „ 30	...	13		„ „ 29	...	11	
„ Oct. 7	...	11		„ Oct. 6	...	17	
„ „ 14	...	11		„ „ 13	...	18	
„ „ 21	...	11		„ „ 20	...	5	
„ „ 28	...	4		„ „ 27	...	9	

TABLE SHOWING THE NUMBER OF DEATHS IN EACH REGISTRATION SUB-DISTRICT FROM THE FIVE ZYMOTIC DISEASES, VIZ.:—MEASLES, SMALLPOX, WHOOPING COUGH, SCARLATINA, AND FEVER; ALSO THE NUMBER OF DEATHS FROM OTHER CAUSES DURING THE YEARS 1882-3

YEAR 1882				
	Zymotic Diseases		Other Causes	Total Deaths
Ancoats	86		1,129	1,215
Central	107		847	954
St. George's	118		1,197	1,315
Hulme	208		1,430	1,638
Chorlton-on-Medlock	152		978	1,130
Ardwick	64		617	681
Cheetham	35		368	403
Beswick	24		170	194
Royal Infirmary	4		338	342
Monsall Hospital	52		31	83
Manchester Workhouse	—		3	3
Crumpsall Workhouse	15		765	780
	<hr/>		<hr/>	<hr/>
	865		7,873	8,738
	<hr/>		<hr/>	<hr/>

YEAR 1883				
Ancoats.....	135		1,191	1,326
Central	65		897	962
St. George's	162		1,262	1,424
Hulme	152		1,501	1,653
Chorlton-on-Medlock	50		1,014	1,064
Ardwick	61		537	598
Cheetham.....	26		412	438
Beswick	22		150	172
Royal Infirmary	4		358	362
Monsall Hospital	89		32	121
Manchester Workhouse	—		5	5
Crumpsall Workhouse	46		751	797
	<hr/>		<hr/>	<hr/>
	812		8,110	8,922
	<hr/>		<hr/>	<hr/>

DEATHS IN EACH DISTRICT FROM DISEASES OF THE LUNGS DURING
THE YEARS 1882-3

YEAR 1882

	Deaths at all Ages	Rates per 1,000 of Population of each District	Deaths under 5 Years
Ancoats	391	8.14	117
Central.....	293	7.02	92
St. George's	403	6.80	110
Hulme	513	7.12	192
Chorlton-on-Medlock	338	5.89	100
Ardwick	193	6.18	103
Cheetham.....	114	4.43	47
Beswick	50	6.28	19
Royal Infirmary	39	—	—
Monsall Hospital.....	10	—	—
Manchester Workhouse	1	—	—
Crumpsall Workhouse	371	—	36
	<hr/> 2,716 <hr/>		<hr/> 816 <hr/>

YEAR 1883

Ancoats... ..	504	10.50	168
Central.....	321	5.60	101
St. George's	445	7.52	171
Hulme	559	7.74	192
Chorlton-on-Medlock	378	6.79	101
Ardwick	185	5.93	100
Cheetham	127	4.93	55
Beswick	56	7.03	35
Royal Infirmary	57	—	—
Monsall Hospital.....	16	—	—
Manchester Workhouse	1	—	—
Crumpsall Workhouse	390	—	38
	<hr/> 3,039 <hr/>		<hr/> 961 <hr/>

TABLE EXHIBITING THE AGES AT DEATH IN THE REGISTRATION SUB-DISTRICTS
DURING THE YEARS 1882-3; ALSO THE PROPORTIONS PER CENT. WHICH
THE DEATHS AT EACH AGE BEAR TO THE TOTAL DEATHS

YEAR 1882

	Under 1 year	Under 5 years	5 years and above	Total Deaths	Rate per cent. under 1 year	Rate per cent. under 5 years	Rate per cent. 5 years and above
Ancoats	384	626	589	1,215	31·6	51·5	48·4
Central	237	424	530	954	24·8	44·4	55·5
St. George's	392	651	664	1,315	29·8	49·5	50·5
Hulme	480	853	785	1,638	29·3	52·0	47·9
Chorlton-on-Medlock...	289	529	601	1,130	25·5	46·8	53·1
Ardwick	188	350	331	681	27·6	51·3	48·6
Cheetham	93	175	228	403	23·0	43·4	56·5
Beswick	56	98	96	194	28·8	50·5	49·4
Royal Infirmary	5	14	328	342	1·4	4·0	95·9
Monsall Hospital	—	—	83	83	—	—	100·0
Manchester Workhouse	2	2	1	3	66·6	66·6	33·3
Crumpsall Workhouse	70	94	686	780	8·9	12·0	87·9
	<u>2,196</u>	<u>3,816</u>	<u>4,922</u>	<u>8,738</u>	<u>25·1</u>	<u>43·6</u>	<u>56·3</u>

YEAR 1883

Ancoats	374	670	656	1,326	28·20	50·52	49·39
Central	241	402	560	962	26·02	41·78	60·45
St. George's	412	728	696	1,424	28·93	51·12	48·87
Hulme	455	782	871	1,653	27·52	47·30	52·69
Chorlton-on-Medlock...	228	387	677	1,064	21·42	36·37	63·62
Ardwick	170	285	313	598	28·42	47·65	52·34
Cheetham	95	171	267	438	21·68	39·04	60·95
Beswick.....	58	101	71	172	33·72	58·72	41·27
Royal Infirmary	1	20	342	362	·27	5·52	94·47
Monsall Hospital	—	—	121	121	—	—	100·00
Manchester Workhouse	3	4	1	5	60·00	80·00	20·00
Crumpsall Workhouse	62	94	703	797	7·77	11·79	88·20
	<u>2,099</u>	<u>3,644</u>	<u>5,278</u>	<u>8,922</u>	<u>23·52</u>	<u>40·84</u>	<u>59·15</u>